



UNDERGRADUATE CATALOG

# CAROLINA

2018-2019

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THE UNIVERSITY  
*of* NORTH CAROLINA  
*at* CHAPEL HILL



# TABLE OF CONTENTS

Academic Calendar .....	5	American Studies Minor .....	159
About UNC .....	6	American Indian and Indigenous Studies Minor .....	159
Administrative Officers .....	8	Folklore Minor .....	161
Board of Trustees .....	10	Global American Studies Minor .....	162
Board of Governors .....	11	Southern Studies Minor .....	164
UNC-Chapel Hill: An Introduction .....	12	Department of Anthropology .....	165
The UNC System .....	14	Anthropology Major, B.A. ....	181
Admissions .....	16	General Anthropology Minor .....	183
Undergraduate Admissions .....	17	Heritage and Global Engagement Minor .....	183
Undergraduate .....	26	Medical Anthropology Minor .....	185
General Education Curriculum and Degree Requirements .....	27	Department of Applied Physical Sciences .....	186
Course Numbering .....	105	Curriculum in Archaeology .....	188
Programs of Study: Majors and Minors .....	106	Archaeology Major, B.A. ....	189
Academic Enrichment Programs .....	109	Archaeology Minor .....	193
First-Year Seminars .....	109	Department of Art .....	195
Study Abroad .....	109	Art History Major, B.A. ....	212
Office for Undergraduate Research .....	110	Studio Art Major, B.A. ....	215
Internships .....	110	Studio Art Major, Bachelor of Fine Arts (B.F.A) .....	218
Honors Carolina .....	112	Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis .....	222
Honors Beyond Chapel Hill .....	113	Art History Minor .....	225
Office of Distinguished Scholarships .....	113	Studio Art Minor .....	225
Languages Across the Curriculum .....	114	Department of Asian Studies .....	227
Student Life and Leadership .....	114	Asian Studies Major, B.A.–Interdisciplinary Concentration .....	248
North Carolina Fellows Program .....	115	Asian Studies Major, B.A.–Arab Cultures Concentration .....	254
Summer Bridge .....	115	Asian Studies Major, B.A.–Chinese Concentration .....	256
Departments .....	116	Asian Studies Major, B.A.–Japanese Concentration .....	259
Department of Aerospace Studies .....	118	Asian Studies Major, B.A.–South Asian Studies Concentration ...	261
Aerospace Studies Minor .....	119	Asian Studies Minor .....	263
Department of African, African American, and Diaspora Studies .....	121	Arabic Minor .....	264
African, African American, and Diaspora Studies Major, B.A. ....	128	Chinese Minor .....	265
African Studies Minor .....	130	Modern Hebrew Minor .....	267
African American and Diaspora Studies Minor .....	131	Hindi-Urdu Minor .....	268
Department of American Studies .....	132	Japanese Minor .....	269
American Studies Major, B.A. ....	143	Korean Minor .....	270
American Studies Major, B.A.–American Indian and Indigenous Studies Concentration .....	149	Middle Eastern Languages Minor .....	271
American Studies Major, B.A.–Folklore Concentration .....	151	Persian Minor .....	272
American Studies Major, B.A.–Global American Studies Concentration .....	154	Department of Biochemistry and Biophysics .....	274
American Studies Major, B.A.–Southern Studies Concentration .....	156	Department of Biology .....	276
		Biology Major, B.S. ....	290
		Biology Major, B.S.–Quantitative Biology Track .....	294
		Biology Major, B.A. ....	298

Biology Minor .....	301	English Minor .....	451
Department of Biomedical Engineering .....	303	Global Cinema Minor .....	452
Biomedical and Health Sciences Engineering Major, B.S. ....	307	Latina/o Studies Minor .....	453
Department of Biostatistics .....	312	Medicine, Literature, and Culture Minor .....	454
Biostatistics Major, B.S.P.H. ....	314	Environment, Ecology, and Energy Program .....	457
Department of Cell Biology and Physiology .....	317	Environmental Studies Major, B.A. ....	466
Department of Chemistry .....	318	Environmental Science, B.S. ....	473
Chemistry Major, B.A. ....	324	Environmental Science and Studies Minor .....	480
Chemistry Major, B.S. ....	327	Food Studies Minor .....	481
Chemistry Major, B.S.–Biochemistry Track .....	330	Sustainability Studies Minor .....	482
Chemistry Major, B.S.–Polymer Track .....	333	Department of Environmental Sciences and Engineering .....	484
Chemistry Minor .....	337	Environmental Health Sciences Major, B.S.P.H. ....	490
Department of City and Regional Planning .....	338	Curriculum in Contemporary European Studies .....	494
Urban Studies and Planning Minor .....	341	Contemporary European Studies Major, B.A. ....	495
Department of Classics .....	343	Department of Exercise and Sport Science .....	499
Classics Major, B.A.–Classical Archaeology .....	352	Exercise and Sport Science Major, B.A.–General .....	510
Classics Major, B.A.–Classical Civilization .....	353	Exercise and Sport Science Major, B.A.–Fitness Professional .....	511
Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin .....	354	Exercise and Sport Science Major, B.A.–Sport Administration .....	513
Classical Humanities Minor .....	356	Coaching Education Minor .....	515
Greek Minor .....	357	Exercise and Sport Science Minor .....	515
Latin Minor .....	358	Department of Geography .....	517
Department of Communication .....	359	Geography Major, B.A. ....	524
Communication Studies Major, B.A. ....	370	Geography Minor .....	529
Interdisciplinary Studies Major, B.A.–Cultural Studies .....	374	Department of Geological Sciences .....	530
Writing for the Screen and Stage Minor .....	375	Geological Sciences Major, B.A.–Earth Science Concentration .....	537
Department of Computer Science .....	377	Geological Sciences Major, B.S.–Earth Science Concentration .....	539
Computer Science Major, B.A. ....	383	Geological Sciences Major, B.S.–Environmental Geoscience .....	541
Computer Science Major, B.S. ....	386	Concentration .....	544
Computer Science Minor .....	389	Geological Sciences Minor .....	544
Department of Dramatic Art .....	390	Department of Germanic and Slavic Languages and Literatures .....	545
Dramatic Art Major, B.A. ....	396	Germanic and Slavic Languages and Literatures Major, B.A.–Central .....	563
Dramatic Art Minor .....	398	European Studies Concentration .....	566
Writing for the Screen and Stage Minor .....	375	Germanic and Slavic Languages and Literatures Major, B.A.–German .....	566
Department of Economics .....	401	Literature and Culture Concentration .....	568
Economics Major, B.A. ....	409	Germanic and Slavic Languages and Literatures Major, B.A.–German .....	568
Entrepreneurship Minor .....	411	Media, Arts, and Culture Concentration .....	571
Department of English and Comparative Literature .....	413	Germanic and Slavic Languages and Literatures Major, B.A.–Russian .....	571
English and Comparative Literature Major, B.A. ....	440	Language and Culture Concentration .....	571
Comparative Literature Minor .....	447	Germanic and Slavic Languages and Literatures Major, B.A.–Slavic .....	573
Composition, Rhetoric, and Digital Literacy Minor .....	448	and East European Languages and Cultures Concentration .....	573
Creative Writing Minor .....	449	German Minor .....	575
		Russian Culture Minor .....	577
		Slavic and East European Languages and Cultures Minor .....	579
		Curriculum in Global Studies .....	582

Global Studies Major, B.A. ....	585	Astronomy Minor .....	753
Department of Health Policy and Management .....	592	Physics Minor .....	753
Health Policy and Management Major, B.S.P.H. ....	596	Department of Political Science .....	755
Department of History .....	599	Political Science Major, B.A. ....	766
History Major, B.A. ....	620	Department of Psychology and Neuroscience .....	770
History Minor .....	627	Neuroscience Major, B.S. ....	779
Medieval and Early Modern Studies (MEMS) Minor .....	627	Psychology Major, B.A. ....	783
Interdisciplinary Studies .....	631	Psychology Major, B.S. ....	786
Interdisciplinary Studies Major, B.A. ....	632	Cognitive Science Minor .....	790
Curriculum in Latin American Studies .....	634	Neuroscience Minor .....	792
Latin American Studies Major, B.A. ....	635	Department of Public Policy .....	794
Department of Linguistics .....	639	Public Policy Major, B.A. ....	800
Linguistics Major, B.A. ....	645	Public Policy Minor .....	806
Linguistics Minor .....	646	Department of Religious Studies .....	807
Department of Marine Sciences .....	648	Religious Studies Major, B.A. ....	828
Marine Sciences Minor .....	653	Religious Studies Major, B.A. – Jewish Studies Concentration .....	832
Department of Mathematics .....	655	Islamic and Middle Eastern Studies Minor .....	834
Mathematics Major, B.A. ....	662	Jewish Studies Minor .....	836
Mathematics Major, B.S. ....	665	Religious Studies Minor .....	837
Mathematics Minor .....	667	Study of Christianity and Culture Minor .....	841
Department of Microbiology and Immunology .....	669	Department of Romance Studies .....	844
Department of Military Science .....	671	Romance Languages Major, B.A. – French and Francophone Studies .....	863
Military Science and Leadership Minor .....	672	Romance Languages Major, B.A. – Italian .....	866
Department of Music .....	674	Romance Languages Major, B.A. – Portuguese .....	869
Music Major, B.A. ....	684	Romance Languages Major, B.A. – Hispanic Literatures and Cultures .....	871
Music Major, Bachelor of Music (B.Mus.) .....	688	Romance Languages Major, B.A. – Hispanic Linguistics .....	875
Music Minor .....	693	French Minor .....	878
Department of Naval Science .....	695	Italian Minor .....	879
Naval Science Minor .....	696	Portuguese Minor .....	879
Department of Nutrition .....	700	Hispanic Studies Minor .....	880
Nutrition Major, B.S.P.H. ....	702	Spanish Minor for the Professions .....	881
Department of Pathology and Laboratory Medicine .....	704	Department of Sociology .....	882
Curriculum in Peace, War, and Defense .....	705	Sociology Major, B.A. ....	890
Peace, War, and Defense Major, B.A. ....	713	Management and Society Major, B.A. ....	893
Conflict Management Minor .....	717	Health and Society Minor .....	896
Department of Philosophy .....	719	Social and Economic Justice Minor .....	896
Philosophy Major, B.A. ....	729	Department of Statistics and Operations Research .....	900
Philosophy Minor .....	731	Statistics and Analytics Major, B.S. ....	904
Philosophy, Politics, and Economics (PPE) Minor .....	732	Statistics and Analytics Minor .....	906
Department of Physics and Astronomy .....	734	Department of Women’s and Gender Studies .....	908
Physics Major, B.A. ....	742		
Physics Major, B.S. ....	748		



Women's and Gender Studies Major, B.A. ....	918	Credit and Evaluation .....	1039
Women's and Gender Studies Minor .....	921	Registration, Enrollment, and Withdrawal .....	1042
Sexuality Studies Minor .....	923	Attendance, Grading, and Examination .....	1048
Schools/College .....	926	Academic Standing .....	1053
College of Arts and Sciences and the General College .....	927	Honor Code .....	1055
UNC Eshelman School of Pharmacy .....	928	University Policies .....	1057
Gillings School of Global Public Health .....	932	Transcripts .....	1069
Kenan–Flagler Business School .....	936	Tuition and Financial Aid .....	1070
Business Administration Major, B.S.B.A. ....	947	Archives .....	1074
Business Administration Minor .....	950	Index .....	1075
School of Dentistry .....	952		
Dental Hygiene Major, B.S. ....	953		
Certificate in Dental Hygiene .....	955		
School of Education .....	958		
Human Development and Family Studies, B.A.Ed. ....	967		
Education Minor .....	969		
School of Information and Library Science .....	971		
Information Science Major, B.S. ....	976		
Information Systems Minor .....	978		
School of Media and Journalism .....	980		
Media and Journalism Major, B.A. ....	989		
Business Journalism Major, B.A. ....	992		
Media and Journalism Minor .....	994		
Certificate Programs in Media and Journalism .....	995		
School of Medicine .....	997		
Division of Clinical Laboratory Science .....	997		
Clinical Laboratory Science Major, B.S. ....	999		
Division of Radiologic Science .....	1002		
Radiologic Science Major, B.S. ....	1004		
Division of Speech and Hearing Sciences .....	1006		
Speech and Hearing Sciences Minor .....	1007		
School of Nursing .....	1009		
Nursing Major, B.S.N. ....	1014		
Summer School .....	1019		
The William and Ida Friday Center for Continuing Education .....	1020		
Resources .....	1022		
Resources: Academic and Research .....	1023		
Resources: Campus Life .....	1027		
Resources: Career Planning .....	1034		
Resources: Health and Wellness .....	1035		
Resources: Service and Leadership .....	1037		
Policies and Procedures .....	1038		

# ACADEMIC CALENDAR

## 2018-2019

University Registrar calendars can be obtained on the University Registrar's Web site (<http://registrar.unc.edu>). For more information on Maymester, visit the Summer School's Web site (<http://summer.unc.edu>).

### Summer Session I (SSI) and Maymester (MM) 2018

MM and SSI classes begin	Wednesday, May 16
MM last day for late registration	Wednesday, May 16
SSI last day for late registration	Thursday, May 17
Holiday (Memorial Day). No classes	Monday, May 28
MM classes end	Thursday, May 31
MM exams	Friday, June 1
SSI classes end	Monday, June 18
SSI reading day	Tuesday, June 19
SSI exam days	Wednesday, June 20 Thursday, June 21

### Summer Session II (SSII) 2018

SSII classes begin	Monday, June 25
SSII last day for late registration	Tuesday, June 26
Holiday (Independence Day). No classes	Wednesday, July 4
SSII classes end	Thursday, July 26
SSII reading day	Friday, July 27
SSII exam days	Monday, July 30 Tuesday, July 31

### Fall Semester 2018

Residence halls open	Saturday, August 18
New student convocation	Sunday, August 19
Summer reading program	Monday, August 20
Classes begin	Tuesday, August 21
Last day for late registration	Monday, August 27
Holiday (Labor Day). No classes	Monday, September 3
Holiday (University Day)	Friday, October 12 Class cancelled 9:30 a.m. until 12:30 p.m.
Fall break begins 5:00 p.m.	Wednesday, October 17
Classes resume 8:00 a.m.	Monday, October 22
Thanksgiving recess. No classes	Wednesday, November 21
University holiday	Thursday, November 22 Friday, November 23
Classes resume 8:00 a.m.	Monday, November 26
Classes end	Wednesday, December 5
Reading days	Thursday, December 6 Wednesday, December 12
Exam days	Friday, December 7 Saturday, December 8 Monday, December 10 Tuesday, December 11 Thursday, December 13 Friday, December 14

Fall Commencement	Sunday, December 16
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### Spring Semester 2019

Residence halls open	Monday, January 7, 2019
Classes begin	Wednesday, January 9
Last day of late registration	Tuesday, January 15
Holiday (MLK Jr.). No classes	Monday, January 21
Spring break begins 5:00 p.m.	Friday, March 8
Classes resume 8:00 a.m.	Monday, March 18
Spring holiday. No classes	Friday, April 19
Classes end	Friday, April 26
Reading days	Wednesday, May 1 Saturday, May 4
Exam days	Monday, April 29 Tuesday, April 30 Thursday, May 2 Friday, May 3 Monday, May 6 Tuesday, May 7
Spring Commencement	Sunday, May 12

### Summer Session I (SSI) and Maymester (MM) 2019

SSI and MM classes begin	Wednesday, May 15
MM last day for late registration	Wednesday, May 15
SSI last day for late registration	Thursday, May 16
Holiday (Memorial Day). No classes	Monday, May 27
MM classes end	Thursday, May 30
MM exams	Friday, May 31
SSI classes end	Monday, June 17
SSI reading day	Tuesday, June 18
SSI exam days	Wednesday, June 19 Thursday, June 20

### Summer Session II (SSII) 2019

SSII classes begin	Monday, June 24
SSII last day for late registration	Tuesday, June 25
Holiday (Independence Day). No classes	Thursday, July 4
SSII classes end	Thursday, July 25
SSII reading day	Friday, July 26
SSII exam days	Monday, July 29 Tuesday, July 30



# ABOUT UNC

## The University Catalog

*Although the publisher of this catalog has made every reasonable effort to attain factual accuracy herein, no responsibility is assumed for editorial or clerical errors or errors occasioned by mistakes. The publisher has attempted to present information which, at the time of preparation for publication, most accurately describes the course offerings, faculty listings, policies, procedures, regulations, and requirements of the University. However, it does not establish contractual relationships. The University reserves the right to alter or change any statement contained herein without prior notice.*

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## Accreditation

The University of North Carolina at Chapel Hill is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, master's, doctoral, and professional degrees and certificates. For more information about the accreditation status of UNC–Chapel Hill contact: Southern Association of Colleges and Schools Commission on Colleges, 1866 Southern Lane, Decatur, Georgia 30033-4097; telephone number (404) 679-4500; [www.sacscoc.org](http://www.sacscoc.org) (<http://www.sacscoc.org>).

## Mission Statement: The University of North Carolina at Chapel Hill

The University of North Carolina at Chapel Hill, the nation's first public university, serves North Carolina, the United States, and the world through teaching, research, and public service. We embrace an unwavering commitment to excellence as one of the world's great research universities.

Our mission is to serve as a center for research, scholarship, and creativity and to teach a diverse community of undergraduate, graduate, and professional students to become the next generation of leaders. Through the efforts of our exceptional faculty and staff, and with generous support from North Carolina's citizens, we invest our knowledge and resources to enhance access to learning and to foster the success and prosperity of each rising generation. We also extend knowledge-based services and other resources of the University to the citizens of North Carolina and their institutions to enhance the quality of life for all people in the State.

With *lux, libertas* – light and liberty – as its founding principles, the University has charted a bold course of leading change to improve society and to help solve the world's greatest problems.

*Approved by the UNC Board of Governors, November 2009 and February 2014*

## UNC's Commitment to Diversity and Inclusivity

UNC–Chapel Hill has a long-held tradition of striving for excellence. Quality education takes place among persons with differing social backgrounds, economic circumstances, personal characteristics, philosophical outlooks, life experiences, perspectives, beliefs, and expectations. We at the University acknowledge that we face ongoing challenges to overcome the effects and influences of adverse historical, social, political, and economic factors. A critical element for any 21st

century educational institution is a diverse and inclusive community that functions in a global context. The historical, political, economic, and educational backgrounds of the University, the state, and the nation shape our present circumstances and inform the measures we must take to accomplish our highest aspirations. The University engages in teaching, research, and service to expand and discover knowledge, promote educational enlightenment, and improve understanding. We work to assure that we have a complement of students, faculty, and staff that broadly reflects the ways in which people differ. We speak of these differences as representing “diversity.”

UNC's commitment to inclusive excellence began in the 1960s through the support of minority programming and continues today through the work of the University Office for Diversity and Inclusion (D&I) (<http://diversity.unc.edu>). The office is led by the associate vice chancellor for diversity and inclusion, who serves as the chief diversity officer and advises the University community on diversity policies and issues. The office collaborates with University officers and campus units to identify and implement strategies and initiatives for achieving the core values with respect to diversity and the goal of increased diversity among students, staff, and faculty. The ultimate goal of both D&I and the University is building an inclusive environment that values and respects the contributions of all members of the Carolina community.

## Summary of the University's Policy on Prohibited Discrimination, Harassment, and Related Misconduct, Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence, and Stalking

The University's Policy on Prohibited Discrimination, Harassment, and Related Misconduct prohibits all forms of discrimination and harassment based on protected status: age, color, creed, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status. It expressly, therefore, also prohibits sexual violence and sexual exploitation, which by definition involve conduct of a sexual nature and are prohibited forms of sexual or gender-based harassment. This policy further prohibits stalking and interpersonal violence, which need not be based on an individual's protected status. Finally, this policy prohibits complicity for knowingly assisting in an act that violates this policy and retaliation against an individual because of their good faith participation in the reporting, investigation, or adjudication of violations of this policy.

For more information about the policy and procedures, visit the University's Policy on Prohibited Discrimination, Harassment and Related Misconduct (<https://unc.policystat.com/policy/4514917/latest>), the University's Nondiscrimination Policy (<https://unc.policystat.com/policy/4467906/latest>), Nondiscrimination for Program Participants (<https://unc.policystat.com/policy/4469242/latest>), Nondiscrimination for Student Organizations (<https://unc.policystat.com/policy/4802074/latest>), or contact the Equal Opportunity and Compliance Office (<https://eoc.unc.edu>).

Equal Opportunity and Compliance Office  
137 East Franklin Street, Suite 404, Campus Box 9160  
Chapel Hill, NC 27599-9160  
Telephone: (919) 966-3576  
Email: [eoc@unc.edu](mailto:eoc@unc.edu)

## Policy Statement on Nondiscrimination: Educational and Employment Decisions

The University is committed to providing an inclusive and welcoming environment for all members of our community and to ensuring that educational and employment decisions are based on individuals' abilities and qualifications. Consistent with this principle and applicable laws, it is therefore the University's policy not to discriminate in offering access to its educational programs and activities or with respect to employment terms and conditions on the basis of race, color, gender, national origin, age, religion, creed, genetic information, disability, veteran status, sexual orientation, gender identity, or gender expression. Such a policy ensures that only relevant factors are considered, and that equitable and consistent standards of conduct and performance are applied.

## Resources for Information and Assistance

Individuals are encouraged to report incidents of prohibited conduct to the Equal Opportunity and Compliance Office, the Title IX Compliance Coordinator, the Report and Response Coordinators, the Office of the Dean of Students, or the UNC Department of Public Safety. As an alternative, an individual can also seek confidential assistance that does not involve notice to the University. If the conduct you have experienced is sexual violence or other criminal activity, including interpersonal (relationship) violence or stalking, you are also encouraged to report the incident to local law enforcement. See below for a comprehensive list of support and reporting options or refer to the University's Policy on Prohibited Discrimination, Harassment, and Related Misconduct (<https://unc.policystat.com/policy/4514917/latest>).

## Reporting Options

UNC Department of Public Safety (<http://dps.unc.edu>)  
(919) 962-8100

Equal Opportunity and Compliance Office (<http://eoc.unc.edu>)  
137 East Franklin Street, Suite 404  
(919) 966-3576

Director of Title IX Compliance/Title IX Coordinator  
Adrienne Allison  
137 East Franklin St., Suite 404  
(919) 962-7177  
[adrienne.allison@unc.edu](mailto:adrienne.allison@unc.edu)

Report and Response Coordinators  
Ew Quimbaya-Winship / Rebecca Gibson  
1125 Student and Academic Services Building North  
(919) 843-3878 / (919) 445-1578  
[eqw@unc.edu](mailto:eqw@unc.edu)/[rmgibson@unc.edu](mailto:rmgibson@unc.edu)

The Office of the Dean of Students (<http://deanofstudents.unc.edu>)  
1106 Student and Academic Services Building North  
(919) 966-4042  
[dos@unc.edu](mailto:dos@unc.edu)

## Confidential Resources

Carolina Ethics Line (<https://secure.ethicspoint.com/domain/media/en/gui/10808>)

The University's Compliance Line, now called Carolina Ethics Line, is a secure method through which to submit an anonymous report regarding academic matters; athletics; research compliance; HIPAA privacy; environment, health and safety; financial improprieties or other matters

either online or by telephone. All reports submitted through Carolina Ethics Line will be given careful attention by appropriate UNC–Chapel Hill offices and officials. Anyone filing a report via Carolina Ethics Line should retain the report key and password and return to the Web site within 10 working days to check for comments or followup questions.  
(866) 294-8688 (toll free)

Campus Health Services (<https://campushealth.unc.edu>)  
(919) 966-2281

UNC Hospital Emergency Room (<http://www.med.unc.edu/emergmed>)  
(984) 974-4721

Counseling and Psychological Services (<https://campushealth.unc.edu/services/counseling-and-psychological-services>)  
(919) 966-3658

University Ombuds Office (<http://ombuds.unc.edu>)  
(919) 843-8204

Gender Violence Services (<http://womenscenter.unc.edu/resources/gender-violence-services>)  
Cassidy Johnson, Coordinator  
(919) 962-1343  
[cassidyjohnson@unc.edu](mailto:cassidyjohnson@unc.edu) or [gvsc@unc.edu](mailto:gvsc@unc.edu)

Holly Lovern, Coordinator  
(919) 962-7430  
[holly.lovern@unc.edu](mailto:holly.lovern@unc.edu)

Compass Center for Women and Families ([https://unitedwaytriangle.galaxydigital.com/agency/detail/?agency\\_id=3865](https://unitedwaytriangle.galaxydigital.com/agency/detail/?agency_id=3865))  
(919) 929-7122 (24-hour hotline)

ComPsych Employee Assistance Program (<http://guidanceresources.com>)  
(877) 314-5841 (24 hours)

Orange County Rape Crisis Center (<http://ocrcc.org>)  
(919) 968-4647 (local number)  
(866) 935-4783 (24-hour hotline, toll free)  
(919) 967-7273 (24-hour hotline, local number)  
(919) 338-0746 (TTY)

## Graduation Rate

Pursuant to the federal Student Right-to-Know Act, we report that, in 2016–2017, the six-year completion or graduation rate for undergraduates who entered the University of North Carolina at Chapel Hill in 2011 on a full-time basis was 90.9 percent.



# ADMINISTRATIVE OFFICERS

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## Office of the Chancellor

Carol L. Folt, Ph.D., *Chancellor*

Amy Hertel, Ph.D., *Chief of Staff*

Clayton Somers, J.D., *Vice Chancellor for Public Affairs and Secretary of the University*

Joe Canady, M.B.A., *Senior Advisor to the Chancellor for University Initiatives*

## Office of the Provost

Robert Blouin, Pharm.D., *Executive Vice Chancellor and Provost*

Ronald B. Strauss, Ph.D., *Executive Vice Provost and Chief International Officer*

Carol P. Tresolini, Ph.D., *Vice Provost, Academic Initiatives*

Stephen M. Farmer, M.A., *Vice Provost, Enrollment and Undergraduate Admissions*

Rachelle Feldman, M.S., *Associate Provost and Director, Scholarships and Student Aid*

Dwayne Pinkney, Ph.D., *Senior Associate Vice Chancellor and Chief Financial Officer*

Jean Elia, M.A., *Associate Provost, Strategy and Special Projects*

Elaine L. Westbrooks, M.L.I.S., *Vice Provost for Libraries and University Librarian*

Lauren DiGrazia, M.S.W., *Assistant Provost and University Registrar*

## College of Arts and Sciences

Kevin Guskiewicz, Ph.D., *Dean, College of Arts and Sciences*

James Klingler, M.P.A., *Associate Dean, Finance and Budget Management*

Terry Ellen Rhodes, D.M.A., *Senior Associate Dean, Fine Arts and Humanities*

Chris Clemens, Ph.D., *Senior Associate Dean, Natural Sciences*

Rudi Colloredo-Mansfeld, Ph.D., *Senior Associate Dean, Social Sciences and Global Programs*

Kate Henz, Ph.D., *Senior Associate Dean, Administration and Business Strategy*

Abigail T. Panter, Ph.D., *Senior Associate Dean, Undergraduate Education*

Robert J. Parker Jr., Ph.D., *Executive Director and Senior Associate Dean, Development, Arts and Sciences Foundation*

## Office of Undergraduate Education

J. Troy Blackburn, Ph.D., *Associate Dean and Director, Office of Undergraduate Research*

Allen Chan, M.B.A., *Executive Director, UNC-Duke Robertson Scholars Leadership Program*

Drew S. Coleman, Ph.D., *Associate Dean, First-Year Seminar Program*

Marcus Collins, M.S., *Associate Dean and Director, Center for Student Success and Academic Counseling*

Cynthia Demetriou, Ph.D., *Director and Associate Dean, Undergraduate Retention*

James L. Leloudis, Ph.D., *Associate Dean, Honors Carolina; Director, James M. Johnston Center for Undergraduate Excellence*

Lee May, Ph.D., *Associate Dean and Director, Academic Advising Program*

Abigail T. Panter, Ph.D., *Senior Associate Dean, Undergraduate Education*

James Thompson, Ph.D., *Associate Dean, Undergraduate Curricula*

## School Deans

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# UNC-CHAPEL HILL: AN INTRODUCTION

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The University of North Carolina at Chapel Hill is the most comprehensive institution in North Carolina, both in the range of its programs at all levels and in the breadth of its specialized research and public service programs. Its 14 schools and the College of Arts and Sciences provide instruction in more than 100 fields, offering 70 bachelor's, 113 master's, 66 doctoral, and 8 professional degrees, as well as 16 certificates, in academic areas critical to North Carolina's future: business, dentistry, education, information and library science, media and journalism, government, law, medicine, nursing, pharmacy, public health, and social work, among others.

Since 1795, when its doors first opened to students, the University has remained faithful to its founders' charge to duly encourage and promote all useful learning for the betterment of humanity.

The University was anticipated by a section of the first state constitution drawn up in 1776 directing the establishment of "one or more universities" in which "all useful learning shall be duly encouraged and promoted." State support, it directed, should be provided so that instruction might be available "at low prices." The American Revolution intervened, and it was not until 1789, the year that George Washington became president of the new nation, that the University was chartered by the General Assembly. Despite constitutional instructions to the contrary, no state appropriations were made, and the trustees were left to secure land and money themselves. On October 12, 1793, the cornerstone was laid for a brick building on a hilltop near the center of the state amidst the colorful fall foliage of dogwood, oak, and tulip trees.

The site, lying at the crossing of north-south and east-west roads, was marked only by a small Anglican chapel that soon shared part of its name—New Hope Chapel Hill—with the community that developed there. Legislator and trustee William R. Davie, who had been instrumental in securing passage of the charter, took the lead in organizing the University. Davie presided over the Masonic ritual of the laying of the cornerstone. In time he came to be called "the Father of the University." Many years later a large poplar or tulip tree, first mentioned in 1818 and still standing near the center of the old campus, was called Davie Poplar in his honor.

The first building and, indeed, the only building for two years, was a two-story brick structure that came to be called Old East. It is now a National Historic Landmark, the oldest state university building in America. Opened to students on January 15, 1795, the University of North Carolina received its first student, Hinton James of New Hanover County, on February 12. By March there were two professors and 41 students present.

The second state university did not begin classes until 1801, when a few students from nearby academies assembled under a large tree at Athens, Georgia, for instruction. By then four classes had already been graduated at Chapel Hill, and there were to be three more before the first diplomas were issued in Georgia. The next building on the Carolina campus was Person Hall, begun in 1796 and long used as the chapel. The cornerstone of Main or South Building was laid in 1798. All three are older than any other American state university building.

## The Young University

During the early 19th century the trustees began a period of strong support in the development of the young University. Even though their proclaimed initial goal for the University had been to provide trained leadership for the state, the curriculum followed the customary classical trend. In 1815, however, the natural sciences were given equal place, and in the 1820s Professors Denison Olmstead and Elisha Mitchell prepared the nation's first geological survey. In 1831 the first astronomical observatory at a state university was built under the direction of President Joseph Caldwell. Student enrollment increased steadily, and by 1860 only Harvard, Yale, and the University of Virginia had more students.

Young men from many states came to Chapel Hill for their education, particularly those from families who had recently left North Carolina to settle elsewhere in the South. The University of North Carolina provided governors not only for North Carolina but also for many other states; countless professions and occupations were represented among its graduates, including cabinet members, clergymen, diplomats, engineers, geologists, judges, legislators, surveyors, teachers, and a president and a vice president of the United States.

Though the Civil War closed many colleges and universities, the University at Chapel Hill remained open throughout the war, though its students were few. During Reconstruction, however, it was closed from 1870 until 1875. When it reopened, the University's leadership began to inaugurate programs that once again marked it as a leading university.

The General Assembly in 1931 consolidated the University with the Woman's College at Greensboro and North Carolina State College at Raleigh under a single board of trustees. As an economy measure during the Depression and as a means of eliminating duplication, the trustees allocated each unit specific roles in higher education for the state. The offices of the Consolidated University were established on the Chapel Hill campus and University President Frank Porter Graham became the Consolidated University's first president.

The period of the Depression in the 1930s saw a great deal of new construction on the campus as federal funds became available to create jobs for the unemployed. New dormitories, classroom buildings, a gymnasium, and other buildings and improvements were built in part from this source. World War II also resulted in some new construction and alterations on campus as the University's facilities were used to train military personnel.

Expansion continued throughout the 20th century, and today UNC—Chapel Hill ranks among the great institutions of higher education in the nation. Beginning with one building, 41 students, and two professors, the University has now grown to more than 300 buildings, almost 30,000 students annually, and more than 3,800 faculty members.

## Top Rankings

The University has been recognized for the quality of its undergraduate and graduate programs in every national survey conducted in the last third of the 20th century and into the 21st. *U.S. News and World Report's* survey of American colleges and universities consistently ranks the University among the best colleges in the nation and among the top research universities.

These accolades reflect the quality of the curriculum and of the faculty, whose research orientation allows them to share with their students not only the thrill of discovery but also the latest advancements and new knowledge. Another asset that contributes to this reputation is UNC—

Chapel Hill's superb library system containing more than nine million print and electronic volumes. It is ranked among the top research libraries in the United States and Canada by the Association of Research Libraries.

## **Commitment to Diversity**

The University of North Carolina at Chapel Hill strives for excellence both in academic engagement and cocurricular support. Sustaining a diverse and inclusive community is critical to achieving educational excellence.

### **Framework for Understanding Diversity and Inclusion at UNC–Chapel Hill**

The work of the University in the 21st century functions in a global context. The historical, political, economic, and educational backgrounds of the University, the state, and the nation shape our present circumstances and inform the measures we must take to accomplish our highest aspirations. We acknowledge that we face an ongoing challenge to overcome the effects and influences of adverse historical, social, political, and economic factors. The University engages in teaching, research, and service to expand and discover knowledge, promote educational enlightenment, and improve understanding with the ultimate end of uplifting humankind. Education takes place most productively among persons with differing social backgrounds, economic circumstances, personal characteristics, philosophical outlooks, life experiences, perspectives, beliefs, and expectations. The University works to assure that we have a complement of students, faculty, and staff that broadly reflects the ways in which people differ. We believe that “diversity matters” within and beyond the campus community.

UNC–Chapel Hill's commitment to inclusive excellence began in the 1960s through the support of minority programming and continues today through the establishment of the University Office for Diversity and Inclusion (D&I).

The University Office for Diversity and Inclusion serves as a resource to the entire Carolina campus and partners with all student, faculty, staff, and organizational entities. D&I collaborates with University officers and campus units to identify and implement strategies and initiatives for achieving the goals of increased diversity, with the goal of building an inclusive environment that values and respects the contributions of students, faculty, and staff. D&I provides diversity education, opportunities, and development for faculty, staff, students, and community members; develops, implements, and supports recruitment and leadership programs that facilitate access and retention and promote inclusive excellence across institutional segments (e.g., student enrollment, faculty hiring, staff development); conducts diversity research, assessment, and reporting to generate and inform the campus and beyond on diversity-related issues; and provides consultation and project management to promote and enhance diversity and community engagement.

Partnerships and collaborations with vice chancellors, deans, and other unit heads are leveraged to accomplish the University's goals for establishing diversity within the faculty, staff, and student cohorts and for fulfilling the public university mission of service, outreach, and engagement. Additional information can be found at [diversity.unc.edu](http://diversity.unc.edu) (<http://diversity.unc.edu>).

# THE UNC SYSTEM

## History of the University

In North Carolina all the public educational institutions that grant baccalaureate degrees are part of the University of North Carolina. The University of North Carolina at Chapel Hill is one of the constituent institutions of the multicampus state university.

The University of North Carolina, chartered by the North Carolina General Assembly in 1789, was the first public university in the United States to open its doors and the only one to graduate students in the 18th century. The first class was admitted in Chapel Hill in 1795. For the next 136 years the only campus of the University of North Carolina was at Chapel Hill.

In 1877 the North Carolina General Assembly began sponsoring additional institutions of higher education, diverse in origin and purpose. Five were historically black institutions, and another was founded to educate Native Americans. Several were created to prepare teachers for the public schools. Others had a technological emphasis. One is a training school for performing artists.

In 1931 the North Carolina General Assembly redefined the University of North Carolina to include three state-supported institutions: the campus at Chapel Hill (now the University of North Carolina at Chapel Hill), North Carolina State College of Agriculture and Engineering at Raleigh (now North Carolina State University), and the North Carolina College for Women (Woman's College) at Greensboro (now the University of North Carolina at Greensboro). The new multicampus University operated with one board of trustees and one president. By 1969 three additional campuses had joined the University through legislative action: the University of North Carolina at Charlotte, the University of North Carolina at Asheville, and the University of North Carolina at Wilmington.

In 1971 the General Assembly passed legislation bringing into the University of North Carolina the state's 10 remaining public senior institutions, each of which had until then been legally separate: Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created a 16-campus University. In 1985 the North Carolina School of Science and Mathematics, a residential high school for gifted students, was declared an affiliated school of the University, and it became the 17th constituent institution.

The UNC Board of Governors is the policy-making body legally charged with "the general determination, control, supervision, management, and governance of all affairs of the constituent institutions." It elects the president, who administers the University. The 32 voting members of the board are elected by the North Carolina General Assembly for four-year terms. Former board chairs and board members who are former governors of North Carolina may continue to serve for limited periods as nonvoting members emeriti. The president of the UNC Association of Student Governments, or that student's designee, is also a nonvoting member. The UNC System Office (<http://www.northcarolina.edu>) is in Chapel Hill, NC.

Each of the 17 institutions is headed by a chancellor, who is chosen by the Board of Governors on the president's nomination and is responsible to the president. Each institution has a board of trustees, consisting of eight members elected by the Board of Governors, four appointed by the

governor, and the president of the student body, who serves ex officio. (The North Carolina School of the Arts has two additional ex officio members.) Each board of trustees holds extensive powers over academic and other operations of its institution on delegation from the Board of Governors.

## The UNC System Office

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*President*

Meredith Didier, B.A.  
*Chief of Staff*

Steven Hopper, M.S.  
*Interim Vice President and CIO*

Andrea Poole  
*Senior Associate Vice President and Secretary of the University*

Camille Barkley, M.B.A.  
*Associate Vice President for Strategic Communications*

Matthew Brody, M.S.  
*Vice President for Human Resources*

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*Interim Vice President for University and P-12 Partnerships*

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Senior Vice President for External Affairs*

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Timothy Minor, M.P.A.  
*Vice President for University Advancement*



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*Interim Senior Vice President for Finance and Budget*

Vacant,

*Vice President for Business Federal Affairs*

Vacant,

*Vice President for Digital Learning*

Vacant,

*Vice President for Communications*

## **The University of North Carolina: Constituent Institutions Universities**

Appalachian State University (<http://www.appstate.edu>)

East Carolina University (<http://www.ecu.edu>)

Elizabeth City State University (<http://www.ecsu.edu>)

Fayetteville State University (<http://www.uncfsu.edu>)

North Carolina Agricultural and Technological State University (<http://www.ncat.edu>)

North Carolina Central University (<http://www.nccu.edu>)

University of North Carolina School of the Arts (<http://www.uncsa.edu>)

North Carolina State University (<http://www.ncsu.edu>)

University of North Carolina at Asheville (<http://www.unca.edu>)

University of North Carolina at Chapel Hill (<http://www.unc.edu>)

University of North Carolina at Charlotte (<http://www.uncc.edu>)

University of North Carolina at Greensboro (<http://www.uncg.edu>)

University of North Carolina at Pembroke (<http://www.uncp.edu>)

University of North Carolina at Wilmington (<http://www.uncw.edu>)

Western Carolina University (<http://www.wcu.edu>)

Winston-Salem State University (<http://www.wssu.edu>)

## **High School**

North Carolina School of Science and Mathematics (<http://www.ncssm.edu>)

# ADMISSIONS

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The University Catalog contains information about admission requirements, placement tests, transfer of credit, readmission, online/self-paced/part-time studies, and summer orientation sessions.

**Undergraduate students.** The Office of Undergraduate Admissions (<http://admissions.unc.edu>) serves students interested in continuing their education at the University of North Carolina at Chapel Hill. Applications from all students are accepted and considered with care and respect.

Admission to the University of North Carolina at Chapel Hill is competitive. Although all 16 public universities in North Carolina share the same minimum course and admission requirements, which are published on the University of North Carolina's Web site (<http://www.northcarolina.edu>), these minimum credentials do not guarantee admission to UNC–Chapel Hill, and successful candidates typically exceed them.

**Graduate students.** Admission to Graduate School academic programs (<http://gradschool.unc.edu/admissions>) is competitive and students are selected on the basis of their academic preparation, ability, and program fit. For some programs, an on-site preadmissions interview may be required. Early contact with your program of interest can be helpful in preparing your application.

# UNDERGRADUATE ADMISSIONS

## Admission Requirements

In evaluating candidates for admission, the University seeks an entering class whose collective strengths will foster excellence within the University community; enhance the education of everyone within it; provide for the leadership of the educational, governmental, scientific, business, humanistic, artistic, and professional institution of the state, nation, and world; and enrich the lives of all the people of North Carolina.

The University evaluates individual candidates rigorously, holistically, and sympathetically. The members of the admissions committee seek to assess the ways in which each candidate will likely contribute to the campus community and enable the University to fulfill its mission. The qualities we seek include intellect, talent, curiosity, and creativity; leadership, kindness, and courage; honesty, perseverance, perspective, and diversity. Although we expect each successful candidate to demonstrate strength in many of these areas, we do not expect every candidate to be equally strong in all of them. Just as there is no formula for admission, there is no list of qualities or characteristics that every applicant must present.

In evaluating each candidate's academic record, the admissions committee considers not only the student's grades but also the courses attempted. Although each candidate's academic record and standardized test scores are important elements in the admissions decision, the candidate's essays, accomplishments outside the classroom, and personal qualities are also carefully considered.

By their anticipated date of enrollment, candidates for admission must have graduated from secondary school. In addition, the University asks that candidates present evidence of the capacity to cope with the demands of University life.

## Items Necessary for a Complete Application

### First-Year Admission

Students may apply for admission by following the instructions available at the Office of Undergraduate Admissions (<http://admissions.unc.edu>). In addition to the completed application, which includes the nonrefundable application fee (or fee-waiver request) and required essays, students are expected to submit the following materials:

- Official transcript(s) from all secondary schools and all colleges or universities attended, including summer sessions and including any online or distance-education classes, regardless if college credit was earned or will transfer
- Official results from the SAT or the ACT examination
- Counselor statement and one teacher recommendation (if the candidate is in his or her first year at a new school, a recommendation from the previous school is suggested)
- Any additional items or information requested in the application or by the Office of Undergraduate Admissions.
- RCN Number, if claiming North Carolina residency

Applicants who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina

Residency Determination Service (RDS). (<https://ncresidency.cfnc.org/residencyInfo>)

In addition to the required information indicated above, applicants may submit information that will enhance the University's understanding of the student's background and preparation for college. The Office of Undergraduate Admissions, in its discretion, may deny admission to students who submit completed applications but who do not provide one or more of the materials listed above.

### Transfer Admission

Students are considered transfer applicants if they have attended one or more post-secondary institutions after graduating from high school. Transfer candidates may apply for admission by following the instructions available at the Office of Undergraduate Admissions (<http://admissions.unc.edu>).

In addition to the completed application, which includes the nonrefundable application fee (or fee-waiver request) and required essays, students are expected to submit the following materials:

- Official transcript from all colleges attended, including summer sessions and including any online or distance-education classes, regardless if college credit was earned or will transfer
- Official high school transcript (grades nine through 12)
- Official results from the SAT or the ACT examination (required only for applicants who would have first-year or sophomore standing upon UNC enrollment)
- Any additional items or information requested in the application or by the Office of Undergraduate Admissions
- Recommendation letter (academic, personal, or professional)
- Community standards form or criminal background check (for all enrolling transfer students and for other candidates as requested by the Office of Undergraduate Admissions).
- RCN Number, if claiming North Carolina residency

Applicants who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS). (<https://ncresidency.cfnc.org/residencyInfo>)

The Office of Undergraduate Admissions, in its discretion, may deny admission to students who submit completed applications but who do not provide one or more of the additional materials listed above.

### Standardized Testing

In accordance with University policy, as well as procedures approved by the Advisory Committee on Undergraduate Admissions, members of the admissions committee evaluate each candidate rigorously, holistically, and sympathetically, with an eye towards assessing the candidate's capacity to contribute to the kind of campus community that will enable the University to fulfill its mission. Although each evaluation includes the results of standardized testing, these results do not constitute the sole or main criterion for admission. There are no cutoff or threshold scores — that is, no scores below which candidates are automatically denied admission, and no scores above which they are automatically offered admission. Instead, results from standardized testing represent one factor among many. For more about the role of tests in admissions, please see the Office of Undergraduate Admissions (<http://admissions.unc.edu>).



## Fall/Winter Grades for Transfer Applicants

The Fall (and if applicable Winter) grades should be submitted to the Office of Undergraduate Admissions as soon as they become available. An application will be considered incomplete without them.

## High School Course Requirements

Students interested in attending the University should pursue a challenging high school curriculum. Such a curriculum will typically include at least five academic courses during each year of high school—preferably one each in the core disciplines of English, mathematics, social science, natural science, and foreign language. We also encourage our candidates to take at least five of the most rigorous courses available to them, including college-level courses offered through programs such as Advanced Placement, International Baccalaureate, or dual-enrollment programs. In evaluating academic performance in such a curriculum, we pay less attention to class rank and grade point average than we do to grades and to trends and patterns in grades.

Applicants for first-year admission are expected to meet the minimum high school (including the ninth grade) course requirements of the University of North Carolina system, which are listed in the *UNC Policy Manual* (Chapter 700.1.1.1[R]).

Candidates who do not fulfill these course requirements or qualify for exemption under the terms outlined in the *UNC Policy Manual* may still apply for admission and be considered for a possible exception, although such exceptions are made rarely. Because admission to the University is competitive, candidates should normally enroll in courses beyond these minimum requirements.

Since admitted students will take placement exams in foreign language, candidates should consider continuing in advanced foreign language courses during their final year in high school even if they have already met the minimum requirements.

Placement in courses during students' first semester at the University will be based on their performance on placement tests. Students may also receive credit for University courses based on dual-enrollment courses taken during high school. Although the student will take placement exams in some subjects at the University before the first semester begins, it is to the student's advantage to take placement tests in high school, especially those accepted by the University for placement purposes. For mathematics placement, the Department of Mathematics strongly recommends that enrolling students arrange to take the Mathematics SAT Subject Level 1 or 2 test, ACT, AP, or IB exams; although these tests are not required for admission, many majors at Carolina require a quantitative reasoning course for which a mathematics placement score is necessary. Foreign language placement may be based on University placement exams, SAT Subject Tests, or College Board Advanced Placement tests. For English placement, students are required to take either English 105 at the University, or present an equivalent transferable course from another college or university. Students also are encouraged to take standardized tests that are recognized for placement in other subject areas.

## Dual Enrollment for High School Students

All courses attempted at UNC—Chapel Hill, including but not limited to summer session courses and dual-enrollment courses attempted while a student is still in secondary school, will be included in the UNC grade point average.

## Cooperative Innovative High School (Early College) Graduates

Students who graduate from a Cooperative Innovative High School (also known as "Early College") in North Carolina with an associate degree may apply either as first-year or transfer candidates. For more information, please see the Office of Undergraduate Admissions. (<http://admissions.unc.edu>)

## Home-Schooled Students

The University welcomes applications from students schooled at home and imposes on those students no special or additional requirements for admission. Since the credentials of home-schooled students may lack some or most of the contextualizing information typically found in the credentials of students schooled in more traditional settings, many home-schooled students take steps to contextualize and clarify their achievement and potential.

In recent years these steps have included taking courses in local colleges or community colleges; joining community organizations; providing samples of academic projects (for example, essays or research papers) and detailed descriptions of courses; sending recommendations from non-family members who know candidates well and can comment specifically on their capacity for advanced academic work; and taking and submitting optional SAT Subject Tests.

## College Board Placement Tests

The University recognizes, for placement and degree credit, satisfactory scores on the College Board Advanced Placement, International Baccalaureate, and certain SAT Subject Tests. For more information, please visit the Office of Undergraduate Admissions (<http://admissions.unc.edu>).

Information about College Board tests and applications for specific tests may be obtained by visiting the College Board (<http://collegeboard.org>); by writing the Educational Testing Service (Rosedale Road, Princeton, NJ 08541) or by contacting a high school counselor. Applicants should apply to take a test six to eight weeks in advance of the actual test date.

## Transfer Candidates

The university system-wide requirements for transfer applicants are listed in the *UNC Policy Manual* (Chapter 700.1.1.1[R] (<http://www.northcarolina.edu/apps/policy/index.php?pg=dl&id=448&format=pdf&inline=1>)). Candidates who do not fulfill these requirements or qualify for exemption under the terms outlined in the *Policy Manual* may still apply for admission and be considered for a possible exception, although such exceptions are made rarely.

To be considered for transfer admission, students must present at least a C average (2.0 on a 4.0 scale) in all courses attempted at other accredited colleges and universities. However, a much higher average is required to be competitive.

Students also must be eligible to return to all institutions previously attended. Students who have less than a C average and who are, therefore, academically ineligible for consideration as transfer students may complete courses at another university in order to raise their grade point average to the point where they may be considered for transfer admission to the University. Courses attempted through any academic program at UNC—Chapel Hill cannot be used to increase a student's grade point average for the purpose of establishing transfer eligibility.

Once an applicant is admitted as a transfer student, all course credits taken at UNC–Chapel Hill become part of the student’s official transcript, and grades received are included in the grade point average.

A transfer student’s class standing upon admission is based on the number of credit hours accepted for transfer by UNC–Chapel Hill, not on the number of semesters enrolled at other colleges. For each 15 hours transferred upon enrollment, the student is considered to have completed the equivalent of one UNC–Chapel Hill semester. Summer enrollment at UNC–Chapel Hill immediately before the first-semester of full-time, degree-seeking enrollment will not count towards the calculation of class standing or semesters completed; nor will Advanced Placement, International Baccalaureate, or other by-examination credit earned.

Although all students at UNC–Chapel Hill are expected to graduate within eight total semesters of postsecondary enrollment, transfer students who enter with 30 or more transferable hours will be granted permission to enter a ninth or tenth semester after meeting with an advisor.

Specifically:

- A new transfer student with fewer than 15.0 transferable credit hours will be regarded as having completed no semesters and will have first-year standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 15.0 and 29.9 transferable credit hours will be regarded as having completed one semester and will have first-year standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 30.0 and 44.9 transferable credit hours will be regarded as having completed two semesters and will have sophomore standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 45.0 and 59.9 transferable credit hours will be regarded as having completed three semesters and will have sophomore standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 60.0 and 75.0 transferable credit hours will be regarded as having completed four semesters and will have junior standing upon enrollment at UNC–Chapel Hill.

Offers of admission typically are extended before an applicant’s transfer credit can be fully evaluated. As a result, while transfer students are advised of their likely classification at the point of admission, this classification is provisional until confirmed by notification of transfer credits earned.

## Transfer of Credit

The University will award credit hours for courses from other accredited institutions when the student has made a satisfactory grade (a C or its equivalent) and when a similar course is offered by the University. If a passing grade of D is earned for such a course, the course may be used to fulfill degree requirements (for example, general education and major/minor requirements), but no credit hours will be awarded. If no passing grade is earned, no credit or hours will be granted. In most cases, professional courses and courses taken from nonaccredited institutions (including foreign institutions) will not transfer. The Office of Undergraduate Admissions may grant credit from foreign institutions to entering transfer students when the student provides an evaluation conducted by the World Education Services (<http://www.wes.org>) (WES®). For other institutions, the courses must be approved through the appropriate University departments, and the departments will determine if the course(s) may be applied toward requirements for the degree.

The Office of Undergraduate Admissions will not award any credit hours to currently enrolled UNC–Chapel Hill students for courses taken outside the United States, including study abroad courses offered by colleges and universities accredited within the United States. Credit will only be awarded for such courses if the UNC–Chapel Hill Study Abroad Office in the College of Arts and Sciences has approved them. If a student enrolls in a study abroad program offered through a UNC professional school and not the College of Arts and Sciences, the student must seek approval through that professional school.

The University honors the official Comprehensive Articulation Agreement with the North Carolina Community College System.

The University will consult two publications when settling questions that arise concerning the transfer of credit: *Transfer Credit Practices*, published by the American Association of Collegiate Registrars and Admissions Officers, and *Accredited Institutions of Post-Secondary Education*, published by the American Council on Education.

A student may petition any University course credit evaluation provided by the Office of Undergraduate Admissions (<http://admissions.unc.edu>) through the appropriate academic department. Additional information about having courses reevaluated is available at Undergraduate Admissions. The academic department will determine how many, if any, credits can be awarded.

Students seeking transfer admission to the University may wish to plan their courses at their current institution in a way that will ensure the transfer of those courses. The University encourages such prior planning, and the Office of Undergraduate Admissions will assist prospective transfer students with this.

The University will award a maximum of 75 semester hours of transfer credit if the student’s last attended institution was a four-year institution. Students may transfer credit hours from a two-year institution only while they are earning their first 64 hours of college credit. For example, if a student has transferred fewer than 64 credit hours from two-year institutions but has earned 64 or more total credit hours (including hours from UNC–Chapel Hill or other four-year institutions), the student cannot transfer any additional credit hours from a two-year institution.

If a student enrolls in a course at a two-year institution concurrently with enrollment in courses at a four-year institution (including UNC–Chapel Hill), transfer credit hours will not be awarded for the course taken at the two-year institution if the hours from the concurrent courses at the four-year institution bring the total earned hours to 64 or more.

For the calculations described herein, credit hours are tallied according to the chronological order in which the courses are taken, not according to the sequence in which documentation of the credits are submitted to the Office of Undergraduate Admissions.

### Reverse Transfer Credit Initiative

Students who transfer to UNC–Chapel Hill from a North Carolina community college lacking six or fewer credit hours required for an Associate of Arts (A.A.) or Associate of Sciences (A.S.) may transfer credit earned at UNC to fulfill their degree requirements, and they may subsequently use the A.A. or A.S. degree to fulfill all of the University’s lower-division, General Education requirements, with the exception of foreign language or lifetime fitness, provided they complete the following steps within the specified time frame. In order to apply this credit, students should:

- Consult with an academic advisor at their North Carolina community college before the first semester of full-time enrollment at UNC–Chapel Hill, whether fall or spring, to identify UNC–Chapel Hill courses that will satisfy the remaining requirements for the A.A. or A.S. degree;
- Meet with their UNC–Chapel Hill academic advisor no later than the first day of classes for the first semester of full-time enrollment at UNC–Chapel Hill, whether fall or spring, to discuss their intent to fulfill the University’s General Education requirements through the reverse transfer initiative;
- Complete the six or fewer required hours for the A.A. or A.S. within the first semester of full-time enrollment at UNC–Chapel Hill, whether fall or spring; and
- Provide proof from the community college of the A.A. or A.S. degree before the beginning of the third semester of full-time enrollment at UNC–Chapel Hill, whether fall or spring.

### Military-Affiliated Students

We welcome applications from veterans of the United States military, active-duty servicemen and women, and their dependents. All persons who have completed a minimum of three years of active duty service will be considered transfer students with the branch of service functioning as the institution of transfer. Veterans and those who remain on active duty may earn as many as 12 hours of University credit for their military education and training, depending upon their experience. Those on active duty will be eligible to have the application fee waived and may qualify for the military tuition benefit, which allows them to attend the University at the in-state tuition rate. Students who are eligible for GI Bill or other veteran education benefits must apply directly to the U.S. Department of Veterans Affairs for these funds.

Active-duty service members and veterans may accelerate their degree path by participating in UNC Core, a program administered by the William and Ida Friday Center for Continuing Education (<http://fridaycenter.unc.edu>). They may enroll in online and/or correspondence general education courses. Students may:

- Earn the UNC Core Certificate: Students will complete nine courses from a distance for academic credit, earning a total of 27 to 28 academic credit hours in key subject areas. All courses are taken and a certificate is awarded through UNC–Chapel Hill.
- Take individual courses from a distance for academic credit through seven participating University of North Carolina universities.

With both options, students may fulfill most general education requirements for entry into a degree completion program. Admission to UNC Core does not guarantee admission to degree-seeking programs at UNC–Chapel Hill. Students who are ultimately interested in completing undergraduate degrees will need to apply separately for admission to their intended degree programs.

For more information, please visit the Office of Undergraduate Admissions (<https://admissions.unc.edu>).

### Application and Notification Deadlines

First-year applicants may apply for admission for their choice of one of two deadlines, neither of which is binding. The Office of Undergraduate Admissions does its best to evaluate applications similarly across the two deadlines but cannot guarantee complete consistency between the two, since earlier decisions are made before the size and strength of the entire applicant pool is known.

Decisions will be posted securely online for all applicants. For the latest first-year admission deadlines and notification dates, please visit the Office of Undergraduate Admissions (<http://admissions.unc.edu>).

The application deadline and notification dates for sophomore and junior admission to the College of Arts and Sciences and the School of Media and Journalism are available at the Office of Undergraduate Admissions (<http://admissions.unc.edu>). The admission deadlines and notification dates for junior transfer applicants to the professional schools with programs in dental hygiene, clinical laboratory science, education, health policy and management, information and library science, nursing, radiologic science, and biostatistics vary by department. Please contact the specific department for additional information.

### Appeals of Admissions Decisions

For information on appealing an admissions decision, refer to the Admissions Appeal Procedure in the Admissions Policy (p. 23) section of this catalog.

### Programs with Limited Admissions

Only a small number of transfer students will be admitted to the professional schools offering majors in allied health and public health, information and library science, and media and journalism programs. Junior transfer students planning to major in business administration, certain education programs, environmental health science, and nutrition must enroll in the College of Arts and Sciences and complete at least one semester before applying for admission to the professional schools offering these degree programs. Students interested in one of these fields may wish to consider another major as a second choice; however, even if admitted to an alternate program, students cannot be guaranteed subsequent admission to their first choice of major. In addition, notification of acceptance to these programs is generally later than for other programs.

### Health Program Majors

Early applications for these programs are encouraged. After completion of the fall semester, a transcript of that semester’s work should be submitted. Applicants should also contact the specific department for additional application materials and specific program requirements.

Junior transfer applicants for the pharmacy program must apply directly to the School of Pharmacy. Junior transfer applicants also must provide Pharmacy College Admission Test scores as part of the application. Sophomore students must apply directly to the Office of Undergraduate Admissions.

### Music or Dramatic Art Majors

First-year and transfer students applying as music majors should contact the director of undergraduate studies in music at 101 Hill Hall to arrange an audition. Please indicate whether you wish to study voice or an instrument; if an instrument, please indicate which one. Students applying to major in the dramatic arts should contact the director of undergraduate studies in dramatic art at 222 Center for Dramatic Art.

### Confirmation of Acceptance

The University requires a nonrefundable enrollment deposit, due by May 1 for first-year admission or mid-May for transfer admission or within two weeks of receipt of the admission decision for students admitted after the deadline, whichever is later.

Degree-seeking students who wish to start their studies during the summer must notify the Office of Undergraduate Admissions of their plans and pay their fall term deposits to reserve a space for the fall term.

## Admission of International Students

International students are considered for admission on the same basis as other candidates and must provide the same information required of all other applicants. In addition, international students are required to submit results on the Test of English as a Foreign Language (TOEFL) (minimum score of 100), the International English Language Testing System (IELTS) (minimum band score of 7), or the Pearson Test of English (minimum score of 68) if English is not their native language. As a condition of enrollment, all entering students who have completed coursework from a foreign college or university that is not accredited within the United States must have their official transcripts evaluated by World Education Services (<http://www.wes.org>) (WES®).

United States immigration law requires proof of financial support for the student's entire program of study. Before enrollment, admitted students must provide documentation that they have sufficient funds in a bank to cover the first year of tuition and living expenses. See the section "Finances and Financial Aid" in this catalog for information on expenses. The University will issue the necessary visa documentation to those students who are formally admitted to the University. International students should not leave their native country intending to enroll at the University until they have received a formal letter of acceptance and appropriate visa documents.

Questions concerning international student life on the UNC–Chapel Hill campus should be referred to the Foreign Student Advisor, CB# 5240, Room 2004 FedEx Global Education Center, 301 Pittsboro Street, The University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-5240.

## Readmission

After their first enrollment at UNC–Chapel Hill, students who withdraw, or for any other reason fail to complete a semester, or who do not enroll in one or more fall or spring semesters, must apply for readmission through the Office of Undergraduate Admissions in order to return to courses on the UNC–Chapel Hill campus in a subsequent fall, spring, or summer term. Application for readmission should be made as early as possible and no later than the stated deadline found on the application for readmission. The readmission application is available at the Office of Undergraduate Admissions (<http://admissions.unc.edu>). Applicants who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS). (<https://ncresidency.cfnc.org/residencyInfo>)

Readmission applicants should check any potential holds within the student's student services center in Connect Carolina before applying. Students leaving the University for disciplinary reasons must be cleared by the appropriate office before being readmitted.

Readmission applicants should be sure that all past due accounts with the Cashier, Student Loans, Libraries, Student Stores, or any other offices or agencies of the University have been brought current and cleared before applying for readmission. Readmissions applicants will not be able to register for classes with any past due accounts.

A student leaving the University with an academic deficiency must restore his or her eligibility in order to be readmitted as a regular student. For restoration of eligibility, see the section on Academic Eligibility in

the Academic Standing (<http://catalog.unc.edu/policies-procedures/academic-standing>) section of this catalog.

**International Applicants:** If an international student is applying for readmission and will require either an F1 or J1 visa, the student should submit the readmission application at least one month before the priority deadline for the term in which the student wishes to return in order to allow adequate time for the processing of the student's visa paperwork.

Students who have enrolled in courses at another college or university since their last enrollment at the University of North Carolina at Chapel Hill must submit transcripts of these courses and must have maintained a C average for all such courses attempted in order to be eligible for readmission. The grade point average required for readmission is based on all courses attempted on all campuses. (By contrast, a student's UNC–Chapel Hill grade point average is based on UNC–Chapel Hill courses only.)

To be readmitted, a student must have a 2.000 cumulative UNC–Chapel Hill grade point average, or have successfully appealed for probation through the Office of Undergraduate Retention, a cumulative ratio of completed-to-attempted credit hours of at least two thirds, and the following cumulative number of academic semester credit hours passed:

- 9 academic hours to enter a second semester
- 24 academic hours to enter a third semester
- 36 academic hours to enter a fourth semester
- 51 academic hours to enter a fifth semester
- 63 academic hours to enter a sixth semester
- 78 academic hours to enter a seventh semester
- 93 academic hours to enter an eighth semester
- Special permission of the dean to enter a ninth semester

If a student who earned the status of probation either withdraws from or does not enroll in that probationary semester, the student may employ that probationary status, if needed, when next applying for readmission to a fall or spring semester. By contrast, probationary status granted by an appeals committee is valid only for the specific term for which it is granted.

### Nontraditional Readmission

The University's policy for traditional readmission as an undergraduate requires former students to fulfill certain minimum requirements. These requirements include a specified cumulative grade point average and number of academic hours passed based on their total number of semesters in residence. However, the University recognizes that individuals can gain personal and intellectual maturity over time. In such cases, the University may choose to evaluate applicants for readmission on the basis of their current academic promise rather than their earlier academic performance.

Under this policy, the University will review applicants who have not been enrolled full time in a formal educational program for at least five years and who, by their life experiences, might be considered nontraditional applicants. Readmission to the College of Arts and Sciences under this policy requires the approval of the associate dean for advising or the appeals committee of the college. Readmission to a professional school under this policy requires the approval of the professional school to which the student is seeking readmission.

Advising and degree-granting bodies within the University will monitor the performances of all individuals admitted under this policy. This monitoring will provide up-to-date guidance and counseling and ensure



that each person readmitted fulfills the requirements for continued enrollment as specified in the letter from the student's dean's office. Students who fail to meet these requirements and who lose their academic eligibility must then meet traditional readmission requirements before they will be permitted to continue their enrollment at the University. A nontraditional readmission to the University is granted only once.

Because the University must adhere to enrollment projections, readmission cannot be guaranteed even if the student is academically eligible.

## Admission as a Summer School Visitor

Any student who has not been regularly enrolled or has not been admitted for a fall semester in any school in the University can obtain an application for admission as a visiting summer student on our Web site (<http://summer.unc.edu>). Applicants (undergraduates and high school students) who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS). (<https://ncresidency.cfnc.org/residencyInfo>)

Students who are in residence at the University will register for a summer session through Connect Carolina in Spring.

## Admissions Confidentiality

The University of North Carolina at Chapel Hill will protect the privacy of all students seeking admission through the Office of Undergraduate Admissions by soliciting and receiving all academic and nonacademic records obtained for the purpose of admission on the condition that they be held in confidence by the University. No information obtained through the admissions process will be shared with individuals, internal or external to the University, other than the chancellor, the provost, and members of the Advisory Committee on Undergraduate Admissions and its subcommittees.

Though current federal legislation allows students enrolling at the University access to their files, candidates do not have access to their applications.

Exceptions to this confidentiality policy will be made only at the direction of the chancellor or the provost.

## Intra-University Transfer

Transfer from one school or college within the University is possible with the approval of both academic deans concerned.

## Other Credit Programs

### Carolina Courses Online

Carolina Courses Online is a distance-education program that offers UNC–Chapel Hill courses over the Internet. For most courses, class sessions are not required, but courses follow the semester schedule. Access to the Internet and email are required in order to enroll. The courses are administered through the William and Ida Friday Center for Continuing Education (<http://fridaycenter.unc.edu>), (919) 962-1134, [cco@unc.edu](mailto:cco@unc.edu).

Undergraduate students in the College of Arts and Sciences are limited to 24 credit hours toward a degree at UNC–Chapel Hill through Carolina

Courses Online, Summer School, and other for-credit UNC–Chapel Hill courses offered completely via similar modalities.

### Self-Paced Courses

Many undergraduate distance-education opportunities are available through Self-Paced Courses, including online and print-based correspondence courses. Students can enroll at any time, work at their own pace, and take up to nine months to complete a course. Undergraduate students in the College of Arts and Sciences are not allowed to take Self-Paced Courses and have them count towards their degree except in unusual circumstances; written consent of the student's dean is required in order to enroll.

Application forms and course listings for Self-Paced Courses may be found at the William and Ida Friday Center for Continuing Education (<http://fridaycenter.unc.edu>), CB# 1020, (919) 962-1134.

## Admission to Part-Time Classroom Studies

Part-Time Classroom Studies is the academic unit in the William and Ida Friday Center for Continuing Education (<http://fridaycenter.unc.edu>) through which area adults (customarily students aged 24 and older) enroll in University courses part time. Both undergraduate and postbaccalaureate students are admitted without respect to age, gender, race, color, national origin, religion, creed, disability, veteran's status, sexual orientation, gender identity, or gender expression.

Part-Time Classroom Studies students may register for a maximum course load of eight credit hours per semester. A small selection of courses is scheduled for the evening hours; the University's daytime courses are also open to Part-Time Classroom Studies students if space permits.

Undergraduate or high school students desiring to enroll through Part-Time Classroom Studies must submit a nonrefundable application fee and apply through the Office (<http://admissions.unc.edu>) of Undergraduate Admissions. (<https://admissions.unc.edu>) Applicants (undergraduate and high school students) who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS). (<https://ncresidency.cfnc.org/residencyInfo>)

Admission is limited for both prospective degree candidates and for those seeking to take courses for personal benefit and enjoyment. To be eligible, students must have been away from a traditional school setting for at least 12 months and must have graduated from a secondary school. Admission is available to UNC–Chapel Hill faculty and staff employees. Traditional students who have been denied full-time admission to the University are not immediately eligible for enrollment through Part-Time Classroom Studies. All students admitted as prospective degree candidates must meet minimum University requirements for admission. In considering prospective degree candidates for admission, the Office of Undergraduate Admissions shall use the same admissions criteria that it uses to evaluate comparable full-time, degree-seeking students applying to the University. For information about those criteria, please see the sections on first-year and transfer admission above. Students who have a baccalaureate degree may apply online at the William and Ida Friday Center for Continuing Education. (<http://fridaycenter.unc.edu>)

Admission to Part-Time Classroom Studies does not constitute admission to a degree program at the University. Undergraduates wishing

to pursue a degree must be accepted for transfer into one of the degree-granting schools or colleges of the University. For a bachelor's degree a minimum of 45 academic credit hours must be earned from UNC–Chapel Hill, and at least 24 of the last 30 academic credits must be earned from UNC–Chapel Hill courses. Beyond these minimum course requirements, students attempting to transfer from Part-Time Classroom Studies into one of the degree-seeking schools or colleges of the University must present evidence that they are prepared to make satisfactory progress towards the degree. Postbaccalaureate students must apply and be accepted to a graduate degree program.

Undergraduate students enrolled through Part-Time Classroom Studies for personal benefit and enjoyment may apply to convert to degree-seeking status. Such applications will be reviewed in light of the criteria for admission to Part-Time Classroom Studies for degree-seeking status.

## New Student Orientation and Course Registration

### First-Year Student and Family Orientation

First-Year Student Orientation is the mandatory summer program designed to introduce first-year students to the University. Students will be acquainted with the academic opportunities and skills needed to take personal responsibility for their academic achievement and persistence, introduced to the programs and services available for UNC students, made aware of University traditions, and connected to their peers and other ways to broaden their Carolina community. First-year students receive information about their course registration process after paying their enrollment deposit. Family members and guests are invited to attend the non-mandatory Family Orientation program, which runs parallel to the student program. The transition process continues when new students arrive in the fall with a variety of activities in the fall through Tar Heel Beginnings programming, which kicks off with the 10-day Week of Welcome period.

### Transfer Student and Family Orientation

All newly admitted undergraduate transfer students are required to attend one of the summer Transfer Orientation sessions designed specifically for transfer students to learn about life at Carolina. During this one-day transfer orientation program, new transfer students meet and interact with faculty, staff, and other new transfer students. Students attend formal sessions about UNC policies and services and have the opportunity to learn more about areas of interest to them individually.

To help ensure the availability of preferred courses, transfer students should register for fall classes prior to summer orientation. Transfer students may register for courses online as soon as their deposit is paid, ONYEN and UNC Heelmail are created, and after completing the online academic advising module within Sakai. Family members and guests can choose to attend the non-mandatory family orientation program, which runs parallel to the transfer student program. Transfer students are invited to numerous activities during the fall semester through Tar Heel Beginnings programming, which kicks off with the 10-day Week of Welcome period.

## The University of North Carolina at Chapel Hill: Admissions Policy

1. All qualified persons are welcome to seek admission to the University of North Carolina at Chapel Hill, and all persons may apply for and accept admission confident that the policy and regular practice of the institution are not to discriminate in offering access to its educational

programs and activities on the basis of age, gender, race, color, national origin, religion, creed, disability, veteran's status, sexual orientation, gender identity, or gender expression. (See University and Administrative Policies (<http://policies.unc.edu/policies/nondiscrim>)).

2. Projections of the number of students to be admitted and enrolled in any year shall be determined:
  - a. by the capacity of the institution to meet the instructional and other needs of students in the colleges, schools, departments, curricula, or other programs to which applicants seek admission and
  - b. by enrollment levels approved for budgetary or other appropriate purposes.
3. When at any time the number of qualified applicants for admission exceeds the number of persons who can be admitted and enrolled (as determined by the criteria specified in II above), those to be offered admission shall be selected on the basis of:
  - a. recognition of the institution's special responsibility to residents of North Carolina and
  - b. the institution's judgment of the applicant's relative qualifications for satisfactory performance in the specific college, school, department, curriculum, or other program to which the applicant seeks admission.

Provided that the criteria set forth hereinafter are met, this policy of competitive admissions shall not prevent the admission of selected applicants:

1. who give evidence of possessing special talents for University programs requiring such special talents,
2. whose admission is designed to help achieve variety within the total number of students admitted and enrolled, or
3. who seek educational programs not readily available at other institutions.

In seeking variety within the total number of students admitted and enrolled, the University shall affirm its commitment to achieve excellence, to provide for the leadership of the educational, governmental, scientific, business, humanistic, artistic, and professional institutions of the state and nation, and to enrich the lives of all the people of North Carolina.

In the application of this policy of competitive admissions to nonresident students, preference for admission may be given to nonresident applicants who are children of alumni of the institution.

1. Admission of persons to the specific colleges, schools, curricula, or other programs of the institution shall be governed by the provisions set forth below.

## Undergraduate Admissions

Admission of undergraduate students to colleges or schools to pursue programs leading to a baccalaureate degree shall be the responsibility of the Office of Undergraduate Admissions. The Admissions Office shall apply policies and procedures that, not inconsistent with policies adopted by the Board of Trustees, are approved by the Advisory Committee on Undergraduate Admissions.

In the application of the provisions set forth in III above, preference for admission shall be given to qualified residents of North Carolina; however, in recognition of the educational and other values accruing to North Carolina students, to the institution, and to the state from participation of nonresident students in the programs of the institution,

nonresidents may be admitted in the entering first-year class in numbers likely to result in no more than 18 percent nonresident enrollment in the entering first-year class.

Admission of undergraduates shall be to the first-year class, to other classes by transfer after satisfactory completion of one or more years of acceptable college-level work in some other institution(s) of higher education, or to Part-Time Classroom Studies.

Admission and enrollment of persons who are candidates for financial aid for which athletic ability is a consideration shall be conditional upon compliance with applicable regulations of the Atlantic Coast Conference and the National Collegiate Athletic Association.

## Admission to the First-Year Class

Admission to and enrollment in the first-year class shall be conditional upon graduation from secondary school with such units of secondary school academic course credit as may be specified by the Office of Undergraduate Admissions; however, if all other criteria are met, the Admissions Office may make exceptions to the secondary school graduation and course credit requirements in accordance with procedures approved by the Advisory Committee on Undergraduate Admissions.

Criteria employed for determination of each applicant's qualifications for admission shall include:

1. satisfactory evidence of scholastic promise based upon the applicant's previous academic record, recommendations from schools previously attended, scores on selected tests of scholastic aptitude or achievement, and the applicant's written application for admission, and
2. satisfactory evidence of the applicant's capacity to cope with the demands of University life.

## Admission by Transfer

Admission and enrollment by transfer from another institution shall be conditional upon a satisfactory academic record on work undertaken in all other institutions attended, satisfactory recommendations from institutions previously attended, and eligibility to return to all previously attended institutions of higher education.

## Part-Time Classroom Studies Admissions

Eligibility for admission to Part-Time Classroom Studies shall normally be limited to adult individuals living within commuting distance of Chapel Hill.

Admission to Part-Time Classroom Studies of an applicant who does not hold a baccalaureate degree shall be the responsibility of the Office of Undergraduate Admissions. Such admissions shall be either

- For full credit, applicable toward fulfillment of degree requirements, in which case the minimum requirements shall be the same as those for admission to degree programs and in which case the Office of Undergraduate Admissions shall review each applicant using the same admissions criteria as for comparable full-time, degree-seeking students applying to the University; OR
- For personal benefit and enjoyment, in which case the applicant may be exempted from the qualitative requirements for admission to degree programs. Notwithstanding this exemption from qualitative requirements, the applicant must have graduated from an approved

or accredited secondary school and must demonstrate the capacity to cope with the demands of University life.

Admission to Part-Time Classroom Studies of an applicant who is currently enrolled in high school shall be the responsibility of the Office of Undergraduate Admissions. Such admissions shall be considered only when an applicant:

1. seeks to enroll in a University course for which there is no comparable course at the student's secondary school and
2. demonstrates adequate preparation for the course in which the student seeks to enroll.

Admission to Part-Time Classroom Studies of an applicant who holds a baccalaureate degree shall be the responsibility of the William and Ida Friday Center for Continuing Education. Such admissions shall be for personal benefit and enjoyment, for the satisfaction of prerequisite requirements for professional or graduate programs, or for transfer of credit to a postbaccalaureate degree program, in which case the applicant may be exempted from the qualitative requirements for admission to degree programs.

## Graduate School Admissions

With recognition of the institution's special responsibility to residents of North Carolina but without restrictions based on residence status, admission to The Graduate School shall be a selective process with the objective of enrolling from the pool of applicants for each discipline those students who, in the judgment of the institution, are best qualified to pursue graduate degrees in their chosen academic fields. Admission of graduate students shall be the responsibility of the dean of The Graduate School with the advice and assistance of the Administrative Board of The Graduate School and of the graduate faculties of the departments, schools, and curricula authorized to offer graduate degree programs.

For admission to The Graduate School, the applicant must

- Hold a baccalaureate degree from an accredited college or university in the United States or its equivalent from an institution abroad
- Present a strong overall record of academic achievement
- Be in good standing in the last-attended institution where graduate work has been or is being taken, and
- Be admitted as a degree student unless there are exceptional circumstances justifying admission for nondegree study with the approval of the dean of The Graduate School.

The graduate student enrollment level for each school, department, or curriculum shall be determined for each academic year by the dean of The Graduate School following consultation with each of the schools, departments, and curricula concerned.

## Professional School Admissions

Admission of students to the professional degree programs in schools other than The Graduate School and to nondegree programs in the schools of the Division of Health Affairs shall be, in each of these schools, the responsibility of its established committee on admissions, which shall apply policies, procedures, and requirements, not inconsistent with the provisions of this policy, adopted by the faculty of the school and approved by the chancellor or his delegate.

## Summer Admissions

Admission of applicants to any summer session shall be the responsibility

- Of the Office of Undergraduate Admissions with respect to those who wish to begin in the summer an undergraduate program of study that will continue into the following academic year or that is intended to lead to a baccalaureate degree from the University of North Carolina at Chapel Hill, as well as those undergraduates already enrolled in this institution who wish to return for undergraduate work in the summer
- Of The Graduate School with respect to those who wish to begin a degree program of graduate study in the summer, as well as those graduate students already enrolled in this institution who wish to return for graduate study in the summer
- Of Part-Time Classroom Studies in the Friday Center for Continuing Education with respect to those who wish to begin in the summer on a part-time basis as a postbaccalaureate nondegree student, as well as those already enrolled in the University of North Carolina at Chapel Hill who wish to return for part-time study in the summer.

Admission to Summer School by the Office of Undergraduate Admissions, The Graduate School, and Part-Time Classroom Studies shall be in conformity with the provisions set forth in this policy for other undergraduate and graduate admissions.

Admission to Summer School by the dean of Summer School shall be in conformity with policies, procedures, and requirements adopted by the Administrative Board of Summer School. Each such admission shall terminate as of the last day of that summer term and shall include no commitment, stated or implied, for admission of the student to any subsequent semester or session of the University of North Carolina at Chapel Hill.

1. Appeals concerning individual admission, or admission rescission, decisions shall be governed by the admissions appeal procedure contained in Appendix A.

*\* This policy adopted by resolution of the Board of Trustees on September 3, 1976.*

*\* Amended by Board of Trustees, August 24, 1984.*

*\* Amended by Board of Governors, March 14, 1986.*

*\* Amended by Board of Trustees, May 27, 1994.*

*\* Amended by Board of Trustees, effective January 1, 2006.*

*\* Amended by Board of Trustees, effective January 23, 2014.*

## Appendix A: Admissions Appeal Procedure

**Revised August 2016.** This document sets forth the procedures to be followed with respect to the appeal of a negative admissions decision, including a decision to rescind an admission that has already been granted.

### 1. Appeal to Admissions Officer

Appeals concerning individual admission, or admission rescission, decisions may be had only if it is contended that

- a. a provision set forth in the University of North Carolina at Chapel Hill admissions policy ("admissions policy") has been violated or
- b. the decision not to admit the individual or to rescind admission resulted from a material procedural error in the admissions process.

An applicant's omission of relevant information from the original application for admission will not ordinarily constitute grounds for an appeal; nor will academic or personal circumstances that changed after the submission of the application. Such an appeal shall be lodged by the applicant-appellant with the administrative officer (the director of undergraduate admissions, the dean of The Graduate School, the dean of the professional school concerned, or the dean of Summer School) whose office had responsibility for the admission in question (hereafter the "admissions officer") within 30 days after the University posts the appellant's online decision. The appeal shall be in writing and shall set forth the grounds for the appeal.

Upon receipt of the appeal, the admissions officer or the admissions officer's designee shall review the applicant-appellant's file and appeal letter and shall communicate his or her decision to the appellant in writing

### 2. Appeal to Provost

The decision of the admissions officer may be appealed to the provost only if it is contended that

- a. a provision set forth in the admissions policy has been violated or
- b. the decision not to admit the individual or to rescind admission resulted from a material procedural error in the admissions, or appeal, process.

An applicant's omission of relevant information from the original application for admission or from the appeal to the admissions officer will not ordinarily constitute grounds for an appeal; nor will academic or personal circumstances that changed after the submission of the application or the appeal to the admissions officer. Such an appeal shall be lodged with the provost by filing a letter of appeal specifying the grounds for the appeal within 15 days after the appellant has received the letter communicating the decision of the admissions officer.

The appeal shall be heard by the provost or the provost's designee, and the appellant, at his or her option, may appear in person or conduct the appeal by telephone. Following the hearing, the provost or designee will communicate the decision to the appellant in writing. The decision of the provost is final, and no further appeal is available.



# UNDERGRADUATE

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## About the Undergraduate Catalog

The *Undergraduate Catalog* is a valuable resource that prospective and enrolled students can use throughout their days at the University of North Carolina at Chapel Hill. The *Catalog* supplies general information about the University to prospective students and their parents. It includes information about application procedures and about orientation and matriculation for undergraduate students who have been accepted.

Academic regulations, University facilities, and college life also are described. Departmental degree requirements and course offerings are included, but students in some specialized curricula will be referred to other publications for additional information. Enrolled students are encouraged to use the *Catalog* in addition to talking with advisors and consulting their Tar Heel Tracker for undergraduate degree requirements.

This catalog is concerned primarily with prospective students and with undergraduates enrolled in the General College, the College of Arts and Sciences, and the Schools of Business, Dentistry, Education, Information and Library Science, Media and Journalism, Medicine, Nursing, Pharmacy, and Public Health, as well as Summer School.

The following additional catalogs and admissions brochures are published by the University of North Carolina at Chapel Hill, in print form and/or on the Web: Kenan–Flagler Business School, School of Dentistry, School of Education, School of Government, School of Information and Library Science, School of Media and Journalism, School of Law, School of Medicine, School of Nursing, Gillings School of Global Public Health, School of Social Work, and Summer School. Part-Time Classroom Studies and Self-Paced Courses also publish course catalogs.

Students may expect to receive a degree by fulfilling the requirements of a curriculum as specified in the *Undergraduate Catalog* for the year in which the student matriculated at the University of North Carolina at Chapel Hill. The University is not strictly obligated to fulfill this expectation since changes to the structure of degree requirements may entail widespread curricular adjustments, but it will make every effort to modulate changes so that appropriate substitutes for particular requirements, or particular courses, are available to students operating under a previous set of expectations. The faculty reserves the right to make any changes deemed necessary in the curricula and in regulations. By University policy, the regulations in this catalog are not necessarily valid beyond the academic year for which it was published.

# GENERAL EDUCATION CURRICULUM AND DEGREE REQUIREMENTS

## Making Connections: The General Education Curriculum

The University of North Carolina at Chapel Hill strives to cultivate the range of skills, knowledge, values, and habits that will allow graduates to lead personally enriching and socially responsible lives as effective citizens of rapidly changing, richly diverse, and increasingly interconnected local, national, and worldwide communities. To this end the General Education curriculum seeks to provide for all students

1. the fundamental skills that will facilitate future learning,
2. broad experience with the methods and results of the most widely employed approaches to knowledge,
3. a sense of how one might integrate these approaches to knowledge in ways that cross traditional disciplinary and spatial boundaries, and
4. a thorough grounding in one particular subject.

The undergraduate major is dedicated to the last of these curricular objectives; the others fall under the purview of the General Education curriculum.

The Making Connections curriculum is divided into four broad categories (Foundations, Approaches, Connections, and Supplemental General Education) that can be described in the chart below and the sections that follow.

## Foundations

General Education rests on certain foundational skills and knowledge, including the ability to communicate effectively both in English and another language and to apply quantitative reasoning skills in context. Consequently, the Foundations component of the curriculum includes courses in English composition and rhetoric, at least one foreign language, and quantitative reasoning. It also includes a lifetime fitness course that encourages the lifelong health of graduates. In most cases, students should be able to fulfill the Foundations requirements by taking no more than 15 credit hours.

## Note on the Importance of Communication Skills

The faculty of the General College and the College of Arts and Sciences expects students to write and speak effectively. Instructors should help students realize that there is a direct relationship between thinking clearly, writing clearly, and speaking clearly. Faculty members in all disciplines and professions should therefore develop the writing and speaking skills of their students. Students should expect to be graded on spelling, grammar, and style, as well as on the content and organization of their written work; in addition, students should expect to be graded on presentation, style, poise, and diction, as well as on the content and organization of their oral presentations.

Students who wish to improve their writing can make appointments with a tutor in the Writing Center. This free, noncredit service is available to any member of the University community.

## English Composition and Rhetoric (CR), One Course

- One course (three hours)

Code	Title	Hours
ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	English Composition and Rhetoric (Interdisciplinary)	

All entering first-year, first-time students at the University must complete, or transfer in, ENGL 105 or ENGL 105I. ENGL 105 introduces students to several disciplinary contexts for written work and oral presentations required in college courses, whereas ENGL 105I introduces students to one specific disciplinary context — digital humanities, natural sciences, social sciences, humanities, law, business, or health and medicine — for such written and oral assignments. Exempting the course on the basis of nationally normed examinations is not possible. Students may prepare for ENGL 105 or ENGL 105I while in high school by taking courses in English composition and speech communication beyond the requirements for admission to the University.

Transfer students who have not completed the CR Foundations requirement are strongly urged to register for ENGL 105 during their first semester at Carolina. Transfer students have the option of completing a portfolio of written work (<http://englishcomplit.unc.edu/writingprogram/transfer-students-portfolio-placement-information>) that will be evaluated by instructors in the Department of English and Comparative Literature to receive credit for ENGL 105. If placement scores or the portfolio indicates a need for instruction and practice in preparation for ENGL 105, students will be required to pass ENGL 100 (offered only in the fall) before taking ENGL 105.

Students must complete the CR requirement during the first academic year on campus. Any student whose native language is not English will be required, as all students are, to complete ENGL 105. However, such students may be permitted also to fulfill the Foundations foreign language requirement with ENGL 105, provided that an authorized representative of the appropriate University department has confirmed the student's native language proficiency up to or through level 4.

## Foreign Languages (FL), Through Level 3

- Through level 3

The study of a foreign language enables students to see more clearly the nature and structure of their native language while gaining an understanding of a foreign culture. Students are required to complete courses or demonstrate proficiency in the study of a foreign language through level 3. Certain majors may require additional levels of foreign language study.

Students should improve their language preparation by continuing their foreign language study through the senior year of high school. It is preferable that they complete four years of one high school language rather than, for example, taking two years each of two different languages.

Placement in a foreign language is determined by the student's score on a College Board SAT Subject Test, the Advanced Placement Test in a foreign language (taken at the completion of language study in high school), or the appropriate placement test as determined by the UNC–Chapel Hill academic department offering foreign language instruction. Regardless of placement, continuous enrollment, beginning in the first or second semester, is strongly recommended until the Foundations foreign language requirement is completed.

In the following paragraphs, “high school foreign language” refers to the foreign language in which students received the equivalent of at least two years of instruction in grades nine through 12.

Students whose placement in their high school foreign language is below level 4 and who wish to continue in this language are required to take the number of courses that are needed to reach level 3 of that language. That number varies depending on the level into which a student places. Credit hours toward the 120-academic-hour graduation requirement are not awarded for level 1 of a student’s high school foreign language (with the exceptions of Chinese, Japanese, and Modern Hebrew), even if students place by examination into level 1. Grades earned in level 1 courses, however, are computed in the students’ grade point average and are used in all academic eligibility and academic load considerations.

Students who enroll in a foreign language that they have not formally studied before are required to complete through level 3. In this case, credit hours toward the 120-academic-credit-hour graduation requirement are awarded for successful completion of level 1.

Students who place into level 4 of their high school foreign language have satisfied the Foundations foreign language requirement and will receive placement (PL) but no credit hours for level 3. Note: Students who place into level 4 of Latin on the online diagnostic exam are required to take an additional on-campus test if they wish to receive placement (PL) credit for level 3 and thus fulfill the foreign language General Education requirement; see the Department of Classics (<https://classics.unc.edu>) for additional information. Students who place beyond level 4 of their high school language have fulfilled the Foundations foreign language requirement and are awarded placement (PL) but no credit hours for levels 3 and 4.

For information about foreign language placement for native and experiential speakers, see Foreign Language Placement Credit (p. 1039).

Code	Title	Hours
<b>Foreign Language Courses, Level 3 (or equivalent)</b>		
ARAB 203	Intermediate Arabic I	4
BCS 403	Intermediate Bosnian-Croatian-Serbian Language I	3
CHER 203	Intermediate Cherokee Language I	3
CHIN 203	Intermediate Chinese I	4
or CHIN 212	Intermediate Written Chinese	
CHWA 403	Intermediate Chichewa I	3
CZCH 403	Intermediate Czech I	3
DTCH 403	Intermediate Dutch	3
FREN 203	Intermediate French I <sup>H</sup>	3
or FREN 212	Intensive Intermediate French	
or FREN 402	Intermediate Accelerated French	
GERM 203	Intermediate German <sup>H</sup>	3
or GERM 206	Intensive Intermediate German	
GREK 203	Intermediate Greek I	3
HEBR/JWST 203	Intermediate Modern Hebrew I	3
HNUR 203	Intermediate Hindi-Urdu I	4
HUNG 403	Intermediate Hungarian Language	3
ITAL 203	Intermediate Italian I	3
or ITAL 402	Intermediate Accelerated Italian	
JAPN 203	Intermediate Japanese I	4
KOR 203	Intermediate Korean I	4
LATN 203	Intermediate Latin I	3

LGLA 403	Intermediate Lingala III	3
MACD 403	Intermediate Macedonian	3
PLSH 403	Intermediate Polish I	3
PORT 203	Intermediate Portuguese I	3
or PORT 212	Intensive Intermediate Portuguese	
or PORT 402	Intermediate Accelerated Brazilian Portuguese II	
PRSN 203	Intermediate Persian I	3
RELI 403	Intermediate Classical Hebrew I	3
RUSS 203	Intermediate Russian Communication I	3
SPAN 203	Intermediate Spanish I <sup>H</sup>	3
or SPAN 212	Intensive Intermediate Spanish	
or SPAN 402	Intermediate Accelerated Spanish	
SWAH 403	Intermediate Kiswahili III	3
or SWAH 234	Intensive Kiswahili 3-4	
TURK 203	Intermediate Turkish I	3
WOLO 403	Intermediate Wolof III	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Quantitative Reasoning (QR), One Course

- One course (three hours)

Through the study of quantitative reasoning and methods, students acquire and reinforce the ability to use analytic and quantitative ideas in both theoretical and applied contexts. In today’s world of fast-paced scientific and technological advances, the importance of such skills cannot be overstated.

Students should prepare by taking precalculus and/or calculus in high school and by continuing their mathematical studies up through their senior year of high school. Not doing so may put them at a disadvantage when they arrive at the University.

Students may satisfy the quantitative reasoning requirement either by taking or receiving advanced placement for one of the courses listed below. Several of these courses have a prerequisite of MATH 110 (algebra) or a placement score beyond MATH 110 on the College Board SAT Subject Test in Mathematics, Level 1 or Level 2. Unless a particular major requires those specific courses, however, a student may fulfill the quantitative reasoning requirement with courses that do not require MATH 110 as a prerequisite. MATH 110 placement carries no credit hours, although students who place into MATH 110 and complete it successfully will earn credit hours towards graduation.

Students should be aware that some undergraduate degree programs require completion of specific mathematical sciences courses beyond those needed to fulfill General Education requirements.

Code	Title	Hours
COMP 101	Fluency in Information Technology	3
COMP 110	Introduction to Programming <sup>H</sup>	3
COMP 116	Introduction to Scientific Programming	3
COMP 401	Foundation of Programming <sup>H</sup>	4
LING 455	Symbolic Logic	3
MATH 116	Intuitive Calculus	3
MATH 117	Aspects of Finite Mathematics	3
MATH 118	Aspects of Modern Mathematics	3

MATH 119	Introduction to Mathematical Modeling	3
MATH 130	Precalculus Mathematics	3
MATH 152	Calculus for Business and Social Sciences	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 241	BioCalculus I	3
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	3
PHIL 455	Symbolic Logic	3
STOR 112	Decision Models for Business	3
STOR 113	Decision Models for Business and Economics	3
STOR 151	Introduction to Data Analysis	3
STOR 155	Introduction to Data Models and Inference	3
STOR 215	Foundations of Decision Sciences	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Lifetime Fitness (LFIT), One Course

- One course (one hour)

Lifetime fitness (LFIT) courses combine the practice of a sport or physical activity that can be sustained in later life with broader instruction in lifelong health. These courses carry one hour of academic credit and may be declared Pass/Fail. Students can enroll in only one, one-credit lifetime fitness course during their career at the University, and only one lifetime fitness course can be counted toward the 120 hours needed for graduation.

Code	Title	Hours
LFIT 102	Lifetime Fitness: Adapted Physical Activity	1
LFIT 103	Lifetime Fitness: Aerobics	1
LFIT 104	Lifetime Fitness: Exercise and Conditioning	1
LFIT 105	Lifetime Fitness: Indoor Sports	1
LFIT 106	Lifetime Fitness: Beginning Jogging	1
LFIT 107	Lifetime Fitness: Intermediate Jogging	1
LFIT 108	Lifetime Fitness: Outdoor Sports	1
LFIT 109	Lifetime Fitness: Racquet Sports	1
LFIT 110	Lifetime Fitness: Beginning Swimming	1
LFIT 111	Lifetime Fitness: Swim Conditioning	1
LFIT 112	Lifetime Fitness: Walking	1
LFIT 113	Lifetime Fitness: Weight Training	1
LFIT 114	Lifetime Fitness: Yoga and Pilates	1
LFIT 115	Lifetime Fitness: Cycle Fitness	1
LFIT 118	Lifetime Fitness: Flag Football	1
LFIT 129	Lifetime Fitness: Downhill Skiing and Snowboarding	1
LFIT 130	Lifetime Fitness: Soccer	1
LFIT 138	Lifetime Fitness: Tennis	1
LFIT 140	Lifetime Fitness: Ultimate Frisbee	1
LFIT 145	Lifetime Fitness: Brazilian Jiu Jitsu	1
LFIT 146	Lifetime Fitness: Sand Volleyball	1
LFIT 190	Special Topics in Lifetime Fitness	1
LFIT 998	Lifetime Fitness Transfer Credit	1

## Approaches

The Making Connections curriculum also acquaints students with six distinctive Approaches to knowledge, as represented by courses in the physical and life sciences, the social and behavioral sciences, historical analysis, philosophical and/or moral reasoning, literary arts, and the visual and performing arts. Students meet these requirements by taking courses worth a total of 25 credit hours.

### Physical and Life Sciences (PL, PX), Two Courses

- Two courses (seven hours)

Students must take two courses, at least one of which has a required laboratory component. Science courses combining lecture and laboratory components normally constitute four hours of credit. Some lecture courses may be taken singly for three credit hours or combined with an optional matching laboratory for one additional credit hour. All courses in this category emphasize a physical science, a life science, the scientific basis of technology, or a combination of these topics. Students who have exceeded minimum high school science requirements typically have an advantage in the University's science courses.

### Physical and Life Sciences without Laboratory (PL)

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	Human Origins	3
ANTH 217	Human Biology in Comparative Perspective	3
ANTH 298	Biological Anthropology Theory and Practice	3
ANTH 315	Human Genetics and Evolution	3
ANTH 318	Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	3
ANTH 437	Evolutionary Medicine	3
ANTH 471	Biocultural Perspectives on Maternal and Child Health	3
ASTR 61	First-Year Seminar: The Copernican Revolution	3
ASTR 63	First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics <sup>H</sup>	3
ASTR 102	Introduction to Astronomy: Stars, Galaxies & Cosmology <sup>H</sup>	3
ASTR 105	Time, Tides, and the Measurement of the Cosmos <sup>H</sup>	3
ASTR 205	The Medieval Foundations of Modern Cosmology	3
BIOL 53	First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	3
BIOL 55	First-Year Seminar: The Roots and Flowering of Civilization: A Seminar on Plants and People	3
BIOL 57	First-Year Seminar: Detecting the Future: Human Diseases and Genetic Tests	3
BIOL 61	First-Year Seminar: Sea Turtles: A Case Study in the Biology of Conservation	3
BIOL 62	First-Year Seminar: Mountains Beyond Mountains: Infectious Disease in the Developing World	3
BIOL 65	First-Year Seminar: Pneumonia	3
BIOL 113	Issues in Modern Biology	3



BIOL 159	Prehistoric Life	3	GEOL 70	First-Year Seminar: One Billion Years of Change: The Geologic Story of North Carolina	3
BIOL 201	Ecology and Evolution <sup>H</sup>	4	GEOL 71	First-Year Seminar: Bones Back to Life	3
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4	GEOL 72H	First-Year Seminar: Field Geology of Eastern California	3
BIOL 279	Seminar in Organismal Biology	2-3	GEOL 73	First-Year Seminar: Global Warming and the Future of the Planet	3
BIOL 290	Special Topics in Biology <sup>H</sup>	1-3	GEOL 74	First-Year Seminar: Geology of Climate Change	3
BIOL 452	Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health	3	GEOL 75	First-Year Seminar: Waste in the Environment	3
BIOL 457	Marine Biology	3	GEOL 76	First-Year Seminar: Energy Resources for a Hungry Planet	3
BIOL 462	Marine Ecology	3	GEOL 77	First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence	3
BIOL 474	Evolution of Vertebrate Life <sup>H</sup>	3	GEOL 79	First-Year Seminar: Coasts in Crisis	3
BIOL 657	Biological Oceanography	4	GEOL 103	The Marine Environment	3
CHEM 70	First-Year Seminar: You Don't Have to Be a Rocket Scientist	3	GEOL 108	Our Energy and Climate Crises: Challenges and Opportunities	4
CHEM 71	First-Year Seminar: Foundations of Chemistry: A Historical and Modern Perspective	3	GEOL 159	Prehistoric Life	3
CHEM 72	First-Year Seminar: From Imagination to Reality: Idea Entrepreneurism in Science, Business, the Arts	3	GEOL 200	The Solid Earth	3
CHEM 73	First-Year Seminar: From Atomic Bombs to Cancer Treatments: The Broad Scope of Nuclear Chemistry	3	GEOL 201	Earth's Surface: Processes, Landforms, and History	3
COMP 65	First-Year Seminar: Folding, from Paper to Proteins	3	GEOL 202	Earth Systems History	3
ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4	GEOL 234	Marine Carbonate Environments	2
ENEC 222	Estuarine and Coastal Marine Science	4	GEOL 315	Energy Resources	3
ENEC 450	Biogeochemical Processes	4	GEOL 450	Biogeochemical Processes	4
ENVR 205	Engineering Tools for Environmental Problem Solving	3	GEOL 502	Earth Surface Processes	3
ENVR 505	Chemical Oceanography	4	GEOL 503	Marine Geology	4
ENVR 520	Biological Oceanography	4	GEOL 505	Chemical Oceanography	4
ENVR 552	Organic Geochemistry	3	GEOL 506	Physical Oceanography	4
ENVR 582	Sanitation for Development	3	GEOL 550	Biogeochemical Cycling	3
EXSS 175	Human Anatomy	3	GEOL 552	Organic Geochemistry	3
EXSS 276	Human Physiology	3	GEOL 563	Descriptive Physical Oceanography	3
GEOG 50	First-Year Seminar: Mountain Environments	3	MASC 51	First Year Seminar: Global Warming: Science, Social Impacts, Solutions	3
GEOG 53	First-Year Seminar: Battle Park: Carolina's Urban Forest	3	MASC 52	First-Year Seminar: Living with Our Oceans and Atmosphere	3
GEOG 54	First-Year Seminar: Global Change and the Carolinas	3	MASC 53	First-Year Seminar: The Ends of the Earth: Polar Oceanography and Exploration	3
GEOG 65	First-Year Seminar: Climate Change and the Media <sup>H</sup>	3	MASC 55	First-Year Seminar: Change in the Coastal Ocean	3
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3	MASC 57	First-Year Seminar: From "The Sound of Music" to "The Perfect Storm" <sup>H</sup>	3
GEOG 111	Weather and Climate	3	MASC 58	First-Year Seminar: Connections to the Sea: The Challenges Faced by Using and Living near Coastal In	3
GEOG 141	Geography for Future Leaders	3	MASC 59	First-Year Seminar: Extreme Microorganisms: Pushing the Limits of Life on Earth and Beyond	3
GEOG 212	Environmental Conservation and Global Change	3	MASC 101	The Marine Environment	3
GEOG 269	Human-Environment Interactions in the Galapagos Islands	3	MASC 310	Our Changing Planet: Science, Social Impacts, Solutions	3
GEOG 341	Hydrology, Ecology, and Sustainability of the Humid Tropics	3	MASC 440	Marine Ecology	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3	MASC 442	Marine Biology	3
GEOG 440	Earth Surface Processes	3	MASC 443	Marine Microbiology	3
GEOG 441	Introduction to Watershed Systems	3	MASC 446	Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health	3



BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory H	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 102H & CHEM 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II	4
CHEM 200 & CHEM 101L	Extraordinary Chemistry of Ordinary Things and Quantitative Chemistry Laboratory I	4
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	4
GEOL 101 & 101L	Planet Earth and Planet Earth Laboratory	4
GEOL/MASC/PHYS 108	Our Energy and Climate Crises: Challenges and Opportunities, Climate and Energy Transitions: Understanding the Forecasts	4
GEOL 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	4
MASC/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	3
NBIO 402	Advanced Biopsychology	3
PHYS 52	First-Year Seminar: Making the Right Connections	3
PHYS 101	Basic Concepts of Physics	4
PHYS 104	General Physics I	4
PHYS 105	General Physics II	4
PHYS 106	Inquiry into the Physical World	4
PHYS 108	Climate and Energy Transitions: Understanding the Forecasts	4
PHYS 114	General Physics I: For Students of the Life Sciences	4
PHYS 115	General Physics II: For Students of the Life Sciences	4
PHYS 116	Mechanics <sup>H</sup>	4
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
PHYS 131 & 131L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas and Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	4
PSYC 270	Laboratory Research in Psychology	4
PSYC 402	Advanced Biopsychology	3
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Some of the courses listed above have an optional laboratory and may be used to satisfy the physical and life sciences with laboratory (PX) requirement.

*Note: The lecture is either a pre- or corequisite to the laboratory; see course description. The student must take both the lecture and the associated laboratory in order to receive credit for the physical and life sciences with laboratory (PX) requirement. Without the associated optional laboratory, the lecture course counts as a physical and life sciences (PL) class.*

## Social and Behavioral Sciences (SS, HS), Three Courses

- Three courses from at least two different academic units (nine hours); at least one of the three courses must be classified as a historical analysis (HS) course.

Courses in social and behavioral sciences focus on the scientific study of individual or collective behavior, considering the various dimensions of individual behavior, the family, society, culture, politics, and the economy.

### Social Sciences (SS)

Code	Title	Hours
AAAD 50	First-Year Seminar: Defining Blackness	3
AAAD 54	First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging	3
AAAD 200	Gender and Sexuality in Africa	3
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
AAAD 214	Africa through the Ethnographic Lens	3
AAAD 232	Black Women in America	3
AAAD 278	Black Caribbeans in the United States	3
AAAD 288	Black Popular Cultures: Global Scopes	3
AAAD 302	West African History, Politics, and Culture	3
AAAD 312	Terrorism in Africa	3
AAAD 315	Political Protest and Conflict in Africa	3
AAAD 316	Public Policy and Development in Africa	3
AAAD 329	Islamic Cultures and Societies in East Africa	3
AAAD 332	Remembering Race and Slavery	3
AAAD 333	Race and Public Policy in the United States	3
AAAD 403	Human Rights: Theories and Practices in Africa	3
AAAD 460	Race, Culture, and Politics in Brazil	3
AAAD 461	Race, Gender, and Contemporary Activism in Cuba	3
AAAD 485	Transnational Black Feminist Thought and Practice	3
AAAD 488	Human Rights and Democracy in African Diaspora Communities	3
AAAD 491	Class, Race, and Inequality in America	3
AERO 301	Contemporary Leadership and Management	3
AERO 302	Contemporary Leadership and Management	3
AMST 51	First-Year Seminar: Navigating America	3
AMST 285	Access to Work in America	3
AMST 287	Introduction to American Legal Education	3
AMST 341	Digital Native America	3
AMST 351	Global Waters, American Impacts, and Critical Connections	3
AMST 374	America's Threatened Languages	3
AMST 375	Food and American Studies: Cooking Up a Storm	3

AMST 460	Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment	3	ANTH 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
AMST 475	Documenting Communities <sup>H</sup>	3	ANTH 331	The Anthropology of Memory	3
ANTH 50	First-Year Seminar: Skeletons in the Closet	3	ANTH 333	Anthropology of Democracy	3
ANTH 51	First-Year Seminar: Environmentalism and American Society	3	ANTH 340	Southern Styles, Southern Cultures	4
ANTH 52	First-Year Seminar: Asian Cultures, Asian Cities, Asian Modernities	3	ANTH 342	African-American Religious Experience	3
ANTH 53	First-Year Seminar: Darwin's Dangerous Idea <sup>H</sup>	3	ANTH 347	Anthropology of Travel and Tourism	3
ANTH 56	First-Year Seminar: The Art of Healing, the Culture of Curing	3	ANTH 370	Southern Legacies: The Descendants Project	4
ANTH 57	First-Year Seminar: Today in Africa	3	ANTH 380	Anthropological Perspectives on Cultural Diversity	3
ANTH 59	First-Year Seminar: The Right to Childhood: Global Efforts and Challenges	3	ANTH 405	Mental Health, Psychiatry, and Culture	3
ANTH 61	First-Year Seminar: Deep Economies	3	ANTH 406	Native Writers	3
ANTH 62	First-Year Seminar: Indian Country Today	3	ANTH 411	Laboratory Methods in Archaeology <sup>H</sup>	3
ANTH 63	First-Year Seminar: The Lives of Others: Exploring Ethnography	3	ANTH 415	Laboratory Methods: Zooarchaeology	3
ANTH 66H	First-Year Seminar: Saving the World? Humanitarianism in Action	3	ANTH 416	Bioarchaeology	3
ANTH 92	UNITAS	3	ANTH 417	Laboratory Methods: Lithic Seminar	3
ANTH 93	UNITAS	3	ANTH 422	Anthropology and Human Rights	3
ANTH 101	General Anthropology <sup>H</sup>	3	ANTH 424	Ritual, Festival, and Public Culture	3
ANTH 102	Introduction to Cultural Anthropology	3	ANTH 427	Race	3
ANTH 103	Anthropology of Globalization	3	ANTH 428	Religion and Anthropology <sup>H</sup>	3
ANTH 120	Anthropology through Expressive Cultures	3	ANTH 429	Culture and Power in Southeast Asia	3
ANTH 125	Canine Cultures	3	ANTH 435	Consciousness and Symbols	3
ANTH 130	Anthropology of the Caribbean	3	ANTH 439	Political Ecology	3
ANTH 138	Linguistic Anthropology	3	ANTH 440	Beyond the Tragedy of the Commons	3
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3	ANTH 441	The Anthropology of Gender, Health, and Illness	3
ANTH 147	Comparative Healing Systems	3	ANTH 445	Migration and Health	3
ANTH 202	Introduction to Folklore	3	ANTH 446	Poverty, Inequality, and Health	3
ANTH 206	American Indian Societies	3	ANTH 447	The Anthropology of Work <sup>H</sup>	3
ANTH 220	Principles of Archaeology	3	ANTH 458	Archaeology of Sex and Gender	3
ANTH 230	Native American Cultures	3	ANTH 459	Ecological Anthropology	3
ANTH 240	Action Research	3	ANTH 466	Alternative Economic Systems	3
ANTH 248	Anthropology and Public Interest	3	ANTH 469	History and Anthropology	3
ANTH 259	Culture and Identity	3	ANTH 470	Medicine and Anthropology	3
ANTH 270	Living Medicine	3	ANTH 473	Anthropology of the Body and the Subject	3
ANTH 272	Healing in Ethnography and Literature	3	ANTH 474	The Anthropology of Disability	3
ANTH 277	Gender and Culture	3	ANTH 484	Discourse and Dialogue in Ethnographic Research	3
ANTH 280	Anthropology of War and Peace	3	ANTH 502	Globalization and Transnationalism	3
ANTH 284	Culture and Consumption	3	ANTH 503	Gender, Culture, and Development	3
ANTH 291	Archaeological Theory and Practice	3	ANTH 525	Culture and Personality	3
ANTH 294	Anthropological Perspectives on Society and Culture	3	ANTH 535	The Archaeology of Health and Well-Being	3
ANTH 297	Directions in Anthropology <sup>H</sup>	3	ANTH 537	Gender and Performance: Constituting Identity	3
ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3	ANTH 539	Environmental Justice	3
ANTH 317	Evolutionary Perspectives on Human Adaptation and Behavior	3	ANTH 545	The Politics of Culture in East Asia	3
ANTH 319	Global Health	3	ANTH 559	History in Person	3
ANTH 320	Anthropology of Development	3	ANTH 567	Urban Anthropology	3
ANTH 325	Emotions and Society	3	ANTH 574	Chinese World Views	3
			ANTH 585	Anthropology of Science	3
			ANTH 623	Human Disease Ecology	3
			ANTH 624	Anthropology and Public Health	3
			ANTH 625	Ethnography and Life Stories	3
			ANTH 626	African Cultural Dynamics	3
			ANTH 649	Politics of Life and Death	3



ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations	3	ECON 56	First-Year Seminar: Entrepreneurship: Asia and the West	3
ANTH 660	Kinship, Reproduction, Reproductive Technology, and the New Genetics <sup>H</sup>	3	ECON 57H	First-Year Seminar: Engines of Innovation: the Entrepreneurial University in the 21st Century	3
ANTH 675	Ethnographic Method	3	ECON 101	Introduction to Economics <sup>H</sup>	3
ANTH 682	Contemporary Chinese Society	3	ECON 125	Introduction to Entrepreneurship	3
ANTH 688	Observation and Interpretation of Religious Action	3	ECON 285	Access to Work in America	3
ANTH 691H	Seniors Honors Project in Anthropology	3	ECON 360	Survey of International and Development Economics <sup>H</sup>	3
ARAB 350	Women and Leadership in the Arab World	3	ECON 363	International Economics from the Participant's Perspective	3
ARAB 462	Global Perspectives on Arab Cultures and Societies	3	ECON 434	History of Economic Doctrines	3
ARTS 72	First-Year Seminar: Visualizing Women's Lives and Experiences	3	ECON 461	European Economic Integration	3
ASIA 150	Asia: An Introduction	3	ECON 465	Economic Development	3
ASIA 229	Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3	ECON 486	Gender and Economics	3
ASIA 243	Asian Societies/Study Abroad Program	3	ECON 550	Health Economics	3
ASIA 302	Modern Japanese Religions	3	ECON 560	Advanced International Economics	3
ASIA 330	Melancholy Japan: Myth, Memory, and Everyday Life	3	ECON 570	Applied Econometric Analysis <sup>H</sup>	3
ASIA 384	Religion and Globalization in Southeast Asia	3	ECON 575	Applied Time Series Analysis and Forecasting	3
ASIA 429	Culture and Power in Southeast Asia	3	EDUC 231	Thrive@Carolina and Beyond	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3	EDUC 301	Junior Transfer Seminar - Thriving in Transition	3
ASIA 545	The Politics of Culture in East Asia	3	EDUC 330	The Science of Learning	3
ASIA 574	Chinese World Views	3	EDUC 504	Learning in the Modern World	3
ASIA 682	Contemporary Chinese Society	3	EDUC 505	Leadership in Educational/Nonprofit Settings	3
CHIN 253	Chinese Language and Society	3	EDUC 506	Politics, Policymaking, and America's Schools	3
CHIN 342	The Rise of China: A Global and Multidisciplinary Approach	3	EDUC 508	Equity, Leadership, and You	3
CHIN 441	Chinese-English Translation and Interpreting	3	EDUC 509	Helping Youth Thrive in K-12 Schools	3
CHIN 532	Modernizing the Chinese Language	3	EDUC 525	Human Abilities and Online Learning	3
CMPL 435	Consciousness and Symbols	3	EDUC 532	Introduction to Development and Learning	3
COMM 51	First-Year Seminar: Organizing and Communicating for Social Entrepreneurs	3	EDUC 533	Social Justice in Education	3
COMM 53	First-Year Seminar: Collective Leadership Models for Community Change	3	EDUC 617	Teaching in the Middle School	3
COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	3	ENEC 51	First-Year Seminar: Balancing the Environment: Science, Human Values, and Policy in North Carolina	3
COMM 83	First-Year Seminar: Networked Societies	3	ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
COMM 86	First-Year Seminar: Surveillance and Society	3	ENEC 254	International Environmental Politics	3
COMM 171	Argumentation and Debate	3	ENEC 266	Contemporary Africa: Issues in Health, Population, and the Environment	3
COMM 350	Practices of Cultural Studies	3	ENEC 309	Environmental Values and Valuation	3
COMM 526	Critical-Cultural Approaches to Organizational Communication	3	ENEC 320	The Future of Energy	3
COMM 577	Rhetoric and Black Culture	3	ENEC 330	Principles of Sustainability	3
ECON 50	First-Year Seminar: Future Shock: Global Economic Trends and Prospects	3	ENEC 371	Energy Policy	3
ECON 51	First-Year Seminar: Current Economic Problems: The Economics of North Carolina	3	ENEC 372	Global Environment: Policy Analysis and Solutions	3
ECON 52	First-Year Seminar: The Root of All Evil? Money as a Cultural, Economic, and Social Institution	3	ENEC 380	Environmental Economics	3
ECON 53	First-Year Seminar: The Costs and Benefits of the Drug War	3	ENEC 459	Ecological Anthropology	3
ECON 54	First-Year Seminar: The Entrepreneurial Imagination: Turning Ideas into Reality	3	ENEC 475	The Political Economy of Food <sup>H</sup>	3
			ENEC 480	Environmental Decision Making	3
			ENEC 481	Energy Economics	3
			ENEC 492	Social Science Research Methods	3
			ENEC 510	Policy Analysis of Global Climate Change	3
			ENEC 520	Environment and Development	3
			ENEC 686	Policy Instruments for Environmental Management	3

ENGL 202	Introduction to Folklore	3	GEOG 268	Geography of Africa	3
ENGL 264	Healing in Ethnography and Literature	3	GEOG 270	Geography of Contemporary China	3
ENGL 269	Introduction to Disability Studies	3	GEOG 392	Research Methods in Geography	3
ENGL 354	The Lived Experience of Inequality and Public Policy	3	GEOG 429	Urban Political Geography: Durham, NC	3
ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3	GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
ENVR 686	Policy Instruments for Environmental Management	3	GEOG 470	Political Ecology: Geographical Perspectives	3
EURO 239	Introduction to European Government <sup>H</sup>	3	GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3
EURO 442	International Political Economy	3	GEOG 481	Ethnographies of Globalization: An Upper-Level Research Design Class	3
EXSS 50	First-Year Seminar: Discrimination and Sport	3	GEOG 543	Qualitative Methods in Geography	3
EXSS 260	Women in Sports	3	GEOG 650	Technology and Democracy Research	3
FOLK 130	Anthropology of the Caribbean	3	GERM 302	Contemporary German Society	3
FOLK 202	Introduction to Folklore	3	GLBL 88	First-Year Seminar: Beg, Borrow, and Steal: The Political Economy of Aid, FDI, and Corruption	3
FOLK 230	Native American Cultures	3	GLBL 110	Global Policy Issues <sup>H</sup>	3
FOLK 340	Southern Styles, Southern Cultures	4	HNUR 409	Sex and Social Justice in South Asia	3
FOLK 342	African-American Religious Experience	3	HNUR 411	Health and Medicine in South Asia	3
FOLK 370	Southern Legacies: The Descendants Project	4	IDST 301	American Colleges and Universities: Junior Transfer Seminar	3
FOLK 375	Food and American Studies: Cooking Up a Storm	3	INLS 151	Retrieving and Analyzing Information	3
FOLK 424	Ritual, Festival, and Public Culture	3	INLS 201	Foundations of Information Science	3
FOLK 428	Religion and Anthropology <sup>H</sup>	3	JAPN 381	Women and Work in Japan	3
FOLK 429	Culture and Power in Southeast Asia	3	JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
FOLK 435	Consciousness and Symbols	3	JAPN 563	Structure of Japanese	3
FOLK 470	Medicine and Anthropology	3	JWST 143	Judaism in Our Time	3
FOLK 473	Anthropology of the Body and the Subject	3	KOR 150	History, Memory, and Reality in Contemporary Korea	3
FOLK 484	Discourse and Dialogue in Ethnographic Research	3	KOR 151	Education and Social Changes in Contemporary Korea	3
FOLK 525	Culture and Personality	3	LING 50	First-Year Seminar: Language in the U.S.A.	3
FOLK 537	Gender and Performance: Constituting Identity	3	LING 101	Introduction to Language <sup>H</sup>	3
FOLK 675	Ethnographic Method	3	LING 138	Linguistic Anthropology	3
FOLK 688	Observation and Interpretation of Religious Action	3	LING 333	Human Language and Animal Communication Systems	3
GEOG 55	First-Year Seminar: Landscape in Science and Art	3	LING 409	Cognitive Linguistics	3
GEOG 56	First-Year Seminar: Local Places in a Globalizing World	3	LING 484	Discourse and Dialogue in Ethnographic Research	3
GEOG 58	First-Year Seminar: Making Myth-Leading Memories: Landscapes of Remembrance	3	LING 526	Second-Language Phonetics and Phonology	3
GEOG 60	First-Year Seminar: Health Care Inequalities	3	LING 563	Structure of Japanese	3
GEOG 61	First-Year Seminar: Climate Change in the American Southeast	3	MASC 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
GEOG 67	First-Year Seminar: Politics of Everyday Life	3	MEJO 101	The Media Revolution: From Gutenberg to Zuckerberg and Beyond	3
GEOG 120	World Regional Geography	3	MEJO 244	Talk Politics: An Introduction to Political Communication	3
GEOG 121	Geographies of Globalization	3	MEJO 442	Gender, Class, Race, and Mass Media	3
GEOG 123	Cultural Geography	3	MEJO 445	Process and Effects of Mass Communication	3
GEOG 124	Gender and Place: Feminist Geographies	3	MNGT 427	The Labor Force	3
GEOG 125	Cultural Landscapes	3	MUSC 53	First-Year Seminar: Rock 'n' Roll: The First Wave, 1955-1964	3
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	3	MUSC 58	First-Year Seminar: Music in Motion: American Popular Music and Dance	3
GEOG 222	Health and Medical Geography	3			
GEOG 225	Space, Place, and Difference	3			
GEOG 228	Urban Geography	3			
GEOG 230	The World at Eight Billion	3			
GEOG 232	Agriculture, Food, and Society	3			
GEOG 259	Geography of Latin America	3			
GEOG 260	North America's Landscapes	3			
GEOG 266	People and Environment in Southeast Asia	3			

MUSC 61H	First-Year Seminar: Reverberations	3	PLCY 520	Environment and Development	3
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	3	PLCY 530	Educational Problems and Policy Solutions <sup>H</sup>	3
PHIL 63	First-Year Seminar: Mind, Brain, and Consciousness	3	PLCY 686	Policy Instruments for Environmental Management	3
PHIL 345	Reference and Meaning	3	POLI 50	First-Year Seminar: Movies and Politics	3
PHIL 353	Philosophy of Cognitive Science <sup>H</sup>	3	POLI 53	First-Year Seminar: The Politics of Shakespeare	3
PHIL 453	Philosophy of Psychology	3	POLI 57	First-Year Seminar: Democratic Governance in Contemporary Latin America	3
PLAN 51	First-Year Seminar: Envisioning Community	3	POLI 58	FYS: Global Production and Workers' Rights: North Carolina, Latin America, and East Asia	3
PLAN 52	First-Year Seminar: Race, Sex, and Place in America	3	POLI 61	First-Year Seminar: The United States and Cuba: Making Sense of United States Foreign Policy <sup>H</sup>	3
PLAN 54	First-Year Seminar: Bringing Life Back to Downtown: Commercial Redevelopment of Cities and Towns	3	POLI 62	First-Year Seminar: How Leaders Lead Others	3
PLAN 55	First-Year Seminar: Sustainable Cities	3	POLI 63	First-Year Seminar: Social Movements and Political Protest and Violence	3
PLAN 57	First-Year Seminar: What Is a Good City? <sup>H</sup>	3	POLI 65	First-Year Seminar: Pressure and Power: Organized Interest in American Politics	3
PLAN 58	First-Year Seminar: Globalization and the Transformation of Local Economies	3	POLI 66	First-Year Seminar: The United States and the European Union: Partners or Rivals?	3
PLAN 101	Cities and Urban Life	3	POLI 67	First-Year Seminar: Designing Democracy	3
PLAN 246	Cities of the Past, Present, and Future: Introduction to Planning	3	POLI 70	First-Year Seminar: The Politics of the European Union	3
PLAN 247	Solving Urban Problems	3	POLI 71	First-Year Seminar: Politics of Race, Ethnicity, Language, Religion, and Gender <sup>H</sup>	3
PLAN 330	Principles of Sustainability	3	POLI 72	First-Year Seminar: Entrepreneurship in Community and Economic Development	3
PLAN 550	Evolution of the American City	3	POLI 100	Introduction to Government in the United States <sup>H</sup>	3
PLAN 663	Diversity and Inequality in Cities	3	POLI 101	State and Local Government in the United States <sup>H</sup>	3
PLAN 686	Policy Instruments for Environmental Management	3	POLI 130	Introduction to Comparative Politics <sup>H</sup>	3
PLCY 54	First-Year Seminar: U.S. Immigration	3	POLI 131	Political Change and Modernization	3
PLCY 55	First-Year Seminar: Higher Education, the College Experience, and Public Policy	3	POLI 150	International Relations and World Politics <sup>H</sup>	3
PLCY 60	First-Year Seminar: Understanding Poverty	3	POLI 190	Undergraduate Seminar	3
PLCY 75	First-Year Seminar: Debates in Public Policy and Racial Inequality	3	POLI 200	The President, Congress, and Public Policy	3
PLCY 85	First-Year Seminar: Reforming America's Schools <sup>H</sup>	3	POLI 201	Politics of Bureaucracy	3
PLCY 101	Making Public Policy <sup>H</sup>	3	POLI 202	The United States Supreme Court	3
PLCY 110	Global Policy Issues <sup>H</sup>	3	POLI 203	Race, Innocence, and the Decline of the Death Penalty	4
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3	POLI 204	Introduction to Southern Politics	3
PLCY 220	The Politics of Public Policy <sup>H</sup>	3	POLI 207	The Politics of Organized Interests	3
PLCY 345	Buying Influence: Interest Groups and Public Policy	3	POLI 208	Political Parties and Elections <sup>H</sup>	3
PLCY 349	Immigration Policy in the 21st Century	3	POLI 209	Analyzing Public Opinion <sup>H</sup>	3
PLCY 354	The Lived Experience of Inequality and Public Policy	3	POLI 215	Political Psychology: An Introduction	3
PLCY 360	State and Local Politics	3	POLI 217	Women and Politics	3
PLCY 361	Health Policy and Politics	3	POLI 218	Politics of Sexuality	3
PLCY 365	Sexuality, Gender, and Public Policy	3	POLI 231	Latin America and the United States in World Politics	3
PLCY 371	Energy Policy	3	POLI 232	Politics of the United Kingdom <sup>H</sup>	3
PLCY 372	Global Environment: Policy Analysis and Solutions	3	POLI 235	The Politics of Russia and Eurasia <sup>H</sup>	3
PLCY 375	Law and Public Policy	3	POLI 236	Politics of East-Central Europe <sup>H</sup>	3
PLCY 430	Analysis of National Security Policy	3	POLI 237	The Politics of China	3
PLCY 435	Designing for Impact: Social Enterprise Lab	3	POLI 238	Contemporary Latin American Politics <sup>H</sup>	3
PLCY 475	The Political Economy of Food <sup>H</sup>	3	POLI 239	Introduction to European Government <sup>H</sup>	3
PLCY 480	Environmental Decision Making	3	POLI 252	International Organizations and Global Issues <sup>H</sup>	3
PLCY 485	Poverty, Health, and Human Development in Low Income Countries	3	POLI 253	Problems in World Order	3

POLI 254	International Environmental Politics	3	POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3
POLI 256	The Politics of the First Era (1880-1914) of Globalization	3	POLI 453	When Countries Go Broke: Political Responses to Financial Crises	3
POLI 260	Crisis and Change in Russia and Eastern Europe	3	POLI 457	International Conflict Processes	3
POLI 281	Quantitative Research in Political Science	3	POLI 458	International Conflict Management and Resolution <sup>H</sup>	3
POLI 285	Research Methods and Experiments	3	POLI 459	Trans-Atlantic Security	3
POLI 287	Strategy and International Relations	3	POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI 288	Strategy and Politics	3	POLI 488	Game Theory	3
POLI 333	Race and Public Policy in the United States	3	POLI 630	Political Contestation in Europe	3
POLI 345	Buying Influence: Interest Groups and Public Policy	3	POLI 631	European Security: The Enlarging European Union and the Trans-Atlantic Relationship	3
POLI 350	Peace Science Research	3	POLI 632	The European Union as a Global Actor	3
POLI 400	Executive Politics	3	POLI 633	Tolerance and Liberal States	3
POLI 401	Political Economy I: The Domestic System	3	PORT 530	Varieties of Portuguese	3
POLI 402	Assessing Political Tradecraft: Modeling How Leaders Influence Other Leaders	3	PSYC 54	First-Year Seminar: Families and Children	3
POLI 404	Race, Immigration, and Urban Politics	3	PSYC 55	First-Year Seminar: Children's Eyewitness Testimony	3
POLI 409	Mock Constitutional Convention	3	PSYC 58	First-Year Seminar: The Psychology of Mental States and Language Use <sup>H</sup>	3
POLI 410	The Constitution of the United States	3	PSYC 62	First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning	3
POLI 412	United States National Elections <sup>H</sup>	3	PSYC 64	First-Year Seminar: Prejudice and Stereotyping	3
POLI 416	Constitutional Policies and the Judicial Process	3	PSYC 65	First-Year Seminar: Judgment and Decision Making in Everyday Life	3
POLI 417	Advanced Political Psychology <sup>H</sup>	3	PSYC 66	First-Year Seminar: Eating Disorders and Body Image	3
POLI 418	Mass Media and American Politics	3	PSYC 68	First-Year Seminar: Psychology of Emotion	3
POLI 419	Race and Politics in the Contemporary United States <sup>H</sup>	3	PSYC 69	First-Year Seminar: Racism, Racial Identity, and African American Mental Health	3
POLI 420	Legislative Politics <sup>H</sup>	3	PSYC 70	First-Year Seminar: Critical Thinking in Psychology and Beyond: How to Use Your Brain	3
POLI 421	Framing Public Policies	3	PSYC 72	First-Year Seminar: Visualizing Women's Lives and Experiences	3
POLI 422	Minority Representation in the American States	3	PSYC 242	Introduction to Clinical Psychology <sup>H</sup>	3
POLI 424	Legislative Procedure in Congress	3	PSYC 250	Child Development <sup>H</sup>	3
POLI 428	Sexuality, Race, and Gender: Identity and Political Representation	3	PSYC 260	Social Psychology <sup>H</sup>	3
POLI 430	Analysis of National Security Policy	3	PSYC 310	Applied Statistical Methods in the Psychological Sciences	3
POLI 431	African Politics and Societies	3	PSYC 415	History of Neuroscience	3
POLI 433	Politics of the European Union <sup>H</sup>	3	PSYC 438	Research Topics in the Psychology of Language	3
POLI 434	Politics of Mexico	3	PSYC 463	Development of Social Behavior and Personality	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3	PSYC 465	Poverty and Development	3
POLI 436	Democracy and Development in Latin America (Spanish)	3	PSYC 467	The Development of Black Children	3
POLI 437	Political Change in Asia	3	PSYC 468	Family as a Context for Development	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3	PSYC 472	Racial Discrimination and Minority Youth	3
POLI 440	How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival	3	PSYC 500	Developmental Psychopathology	3
POLI 442	International Political Economy	3	PSYC 501	Theoretical, Empirical Perspectives on Personality	3
POLI 443	American Foreign Policy: Formulation and Conduct	3	PSYC 502	Psychology of Adulthood and Aging	3
POLI 444	Terrorism and International Peace	3	PSYC 503	African American Psychology	3
POLI 445	When Countries Go Broke: Political Responses to Economic Crises	3	PSYC 506	Assessment and Treatment of Older Persons	3
POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3	PSYC 509	Applied Behavioral Analysis	3
POLI 448	The Politics of Multilevel Governance	3			
POLI 449	Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability	3			
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3			



PSYC 516	Child Maltreatment, Trauma, and Trauma-Focused Treatment	3	RELI 248	Introduction to American Islam <sup>H</sup>	3
PSYC 531	Tests and Measurement	3	RELI 287	Modern Japanese Religions	3
PSYC 560	Self and Society	3	RELI 342	African-American Religious Experience	3
PSYC 561	Social Cognition <sup>H</sup>	3	RELI 381	Religions of South Asia	3
PSYC 563	Small Groups	3	RELI 384	Religion and Globalization in Southeast Asia	3
PSYC 564	Interpersonal Processes	3	RELI 427	Spirit Possession	3
PSYC 565	Stereotyping, Prejudice, and Discrimination	3	RELI 428	Religion and Anthropology <sup>H</sup>	3
PSYC 567	Research in Positive Psychology	3	RELI 429	Religion and Society	3
PSYC 568	Emotion	3	RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
PSYC 569	Practical Wisdom from Advanced Social Psychology	3	RELI 481	Religion, Fundamentalism, and Nationalism	3
PSYC 570	The Social Psychology of Self-Regulation	3	RELI 524	Ethnographic Approaches to Contemporary Religion	3
PSYC 572	Theoretical and Empirical Perspectives on Sex and Gender Differences	3	RELI 574	Chinese World Views	3
PSYC 693H	Honors in Psychology I	3	RELI 586	Women and Gender in Japanese Religions	3
PSYC 694H	Honors in Psychology II	3	RELI 688	Observation and Interpretation of Religious Action	3
PWAD 101	Making Public Policy <sup>H</sup>	3	ROML 50	First-Year Seminar: The Art and Science of Language: Orality and Literacy in the Information Age	3
PWAD 110	Global Policy Issues <sup>H</sup>	3	ROML 51	First-Year Seminar: National and Cultural Identities in the Romance Areas <sup>H</sup>	3
PWAD 120	World Regional Geography	3	ROML 52	First-Year Seminar: The Value of Language in Identity: Hispanics in the United States	3
PWAD 150	International Relations and World Politics <sup>H</sup>	3	ROML 53	First-Year Seminar: Oral Histories of Our Local Hispanic Community	3
PWAD 220	The Politics of Public Policy <sup>H</sup>	3	ROML 61	First-Year Seminar: Language in Autism and Developmental Disorders	3
PWAD 252	International Organizations and Global Issues <sup>H</sup>	3	SOCI 50	First-Year Seminar: Religion in American Public Life	3
PWAD 253	Problems in World Order	3	SOCI 51	First-Year Seminar: Emotion and Social Life	3
PWAD 260	Crisis and Change in Russia and Eastern Europe	3	SOCI 52	First-Year Seminar: Social Inequality across Space and Time	3
PWAD 280	Anthropology of War and Peace	3	SOCI 53	First-Year Seminar: The Consequences of Welfare Reform and Prospects for the Future	3
PWAD 287	Strategy and International Relations	3	SOCI 54	First-Year Seminar: Good Jobs, Bad Jobs, No Jobs: Work and Workers in 21st-Century America	3
PWAD 411	Social Movements and Collective Behavior	3	SOCI 55	First-Year Seminar: Self, Society, and the Making of Reality	3
PWAD 416	Constitutional Policies and the Judicial Process	3	SOCI 56	First-Year Seminar: Citizenship	3
PWAD 430	Analysis of National Security Policy	3	SOCI 57	First-Year Seminar: Rationalization and the Changing Nature of Social Life in 21st-Century America <sup>H</sup>	3
PWAD 443	American Foreign Policy: Formulation and Conduct	3	SOCI 58	First-Year Seminar: Globalization, Work, and Inequality	3
PWAD 444	Terrorism and International Peace	3	SOCI 59	First-Year Seminar: The Advocacy Explosion: Social Movements in the Contemporary United States	3
PWAD 457	International Conflict Processes	3	SOCI 60	First-Year Seminar: Sociology of the Islamic World	3
PWAD 458	International Conflict Management and Resolution <sup>H</sup>	3	SOCI 61	FYS: Innovative, Information Technology, and the Sociology of Business in 21st-Century	3
PWAD 459	Trans-Atlantic Security	3	SOCI 62	First-Year Seminar: Social Change and Changing Lives	3
PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3	SOCI 63	First-Year Seminar: Cooperation and Conflict	3
PWAD 481	Religion, Fundamentalism, and Nationalism	3	SOCI 64	First-Year Seminar: Equality of Educational Opportunity Then and Now	3
RELI 60	First-Year Seminar: Religion and Racism	3			
RELI 67	First-Year Seminar: Nature, Culture, and Self-Identity: Religion in the Construction of Social Life	3			
RELI 69	First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3			
RELI 70	First-Year Seminar: Jesus in Scholarship and Film	3			
RELI 76	First-Year Seminar: Money and Morality: Divining Value in Social Life	3			
RELI 101	Introduction to Religious Studies	3			
RELI 143	Judaism in Our Time	3			
RELI 225	Christian Cultures	3			
RELI 232	Shrines and Pilgrimages	3			
RELI 242	New Religious Movements in America	3			
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3			

SOCI 65	First-Year Seminar: Environment, Health, and Justice	3	WGST 217	Women and Politics	3
SOCI 66	First-Year Seminar: Citizenship and Society in the United States	3	WGST 218	Politics of Sexuality	3
SOCI 67	First-Year Seminar: America in the 1960s	3	WGST 225	Space, Place, and Difference	3
SOCI 68	First-Year Seminar: Immigration in Contemporary America	3	WGST 260	Women in Sports	3
SOCI 69	First-Year Seminar: Human Societies and Genomics	3	WGST 266	Black Women in America	3
SOCI 70	First-Year Seminar: Difficult Dialogues	3	WGST 277	Gender and Culture	3
SOCI 71	First-Year Seminar: The Pursuit of Happiness <sup>H</sup>	3	WGST 281	Gender and Global Change	3
SOCI 72	First-Year Seminar: Race and Ethnicity in the United States	3	WGST 365	Sexuality, Gender, and Public Policy	3
SOCI 101	Sociological Perspectives <sup>H</sup>	3	WGST 368	Women of Color in Contemporary United States Social Movements	3
SOCI 111	Human Societies	3	WGST 381	Women and Work in Japan	3
SOCI 112	Social Interaction	3	WGST 388	The International Politics of Sexual and Reproductive Health	3
SOCI 115	Regional Sociology of the South	3	WGST 410	Comparative Queer Politics	3
SOCI 121	Population Problems	3	WGST 438	Gender and Performance: Constituting Identity	3
SOCI 122	Race and Ethnic Relations	3	WGST 441	The Anthropology of Gender, Health, and Illness	3
SOCI 123	Crime and Delinquency	3	WGST 442	Gender, Class, Race, and Mass Media	3
SOCI 124	Sex and Gender in Society	3	WGST 445	Migration and Health	3
SOCI 130	Family and Society	3	WGST 458	Archaeology of Sex and Gender	3
SOCI 133	Sociology of Politics	3	WGST 503	Gender, Culture, and Development	3
SOCI 172	Introduction to Population Health in the United States	3	WGST 550	The Social Construction of Women's Bodies	3
SOCI 260	Crisis and Change in Russia and Eastern Europe	3	WGST 553	Theorizing Black Feminisms	3
SOCI 301	American Colleges and Universities: Junior Transfer Seminar	3	WGST 610	Feminism, Sexuality, and Human Rights	3
SOCI 411	Social Movements and Collective Behavior	3	WGST 660	Kinship, Reproduction, Reproductive Technology, and the New Genetics <sup>H</sup>	3
SOCI 413	Social Movements and Collective Behavior, Experiential	3			
SOCI 414	The City and Urbanization	3			
SOCI 417	The City and Urbanization, Experiential Education	3			
SOCI 419	Sociology of the Islamic World	3			
SOCI 422	Sociology of Mental Health and Illness	3			
SOCI 423	Sociology of Education, Experiential Education	3			
SOCI 426	Sociology of Education	3			
SOCI 427	The Labor Force	3			
SOCI 428	Sociology of Art	3			
SOCI 429	Religion and Society	3			
SOCI 431	Aging	3			
SOCI 450	Theory and Problems of Developing Societies	3			
SOCI 453	Social Change in Latin America	3			
SOCI 469	Health and Society	3			
SPAN 679	Spanish Pragmatics	3			
SPAN 680	First- and Second-Language Acquisition of Spanish	3			
SPAN 682	Spanish Sociolinguistics	3			
WGST 51	First-Year Seminar: Race, Sex, and Place in America	3			
WGST 101	Introduction to Women's Studies	3			
WGST 111	Introduction to Sexuality Studies	3			
WGST 124	Sex and Gender in Society	3			
WGST 200	Gender and Sexuality in Africa	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Historical Analysis (HS)

Code	Title	Hours
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 231	African American History since 1865	3
AAAD 240	African American Politics	3
AAAD 254	Blacks in North Carolina	3
AAAD 258	The Civil Rights Movement	3
AAAD 260	Blacks in Latin America	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 300	Cultures of Health and Healing in Africa	3
AAAD 341	Law and Society	3
AAAD 350	The Harlem Renaissance	3
AAAD 385	Emancipation in the New World	3
AAAD 387	HIV/AIDS in Africa and the Diaspora	3
AAAD 402	African Media and Film: History and Practice	3
AAAD 430	African American Intellectual History	3
AAAD 480	Vernacular Traditions in African American Music	4
AERO 213	Air Power and Modern Warfare	3
AMST 53	First-Year Seminar: The Family and Social Change in America <sup>H</sup>	3

AMST 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3	ANTH 121	Ancient Cities of the Americas	3
AMST 60	First-Year Seminar: American Indians in History, Law, and Literature	3	ANTH 144	Archaeology and the Media	3
AMST 101	The Emergence of Modern America	3	ANTH 145	Introduction to World Prehistory	3
AMST 102	Myth and History in American Memory	3	ANTH 149	Great Discoveries in Archaeology	3
AMST 110	Introduction to the Cultures and Histories of Native North America	3	ANTH 151	Anthropological Perspectives on Food and Culture	3
AMST 202	Historical Approaches to American Studies	3	ANTH 203	Approaches to American Indian Studies	3
AMST 203	Approaches to American Indian Studies	3	ANTH 231	Archaeology of South America	3
AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3	ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
AMST 231	Native American History: The East	3	ANTH 234	Native American Tribal Studies <sup>H</sup>	3
AMST 233	Native American History: The West	3	ANTH 250	Archaeology of North America <sup>H</sup>	3
AMST 234	Native American Tribal Studies <sup>H</sup>	3	ANTH 252	Archaeology of Food	3
AMST 235	Native America in the 20th Century	3	ANTH 278	Women in Science	3
AMST 253	A Social History of Jewish Women in America	3	ANTH 306	Water and Inequality: Anthropological Perspectives	3
AMST 255	Mid-20th-Century American Thought and Culture	3	ANTH 377	European Societies	3
AMST 259	Tobacco and America	3	ANTH 426	Making Magic	3
AMST 269	Mating and Marriage in American Culture	3	ANTH 448	Health and Medicine in the American South	3
AMST 277	Globalization and National Identity <sup>H</sup>	3	ANTH 449	Anthropology and Marxism	3
AMST 278	Crimes and Punishments	3	ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
AMST 283	American Home	3	ANTH 452	The Past in the Present	3
AMST 292	Historical Seminar in American Studies <sup>H</sup>	3	ANTH 453	Field School in South American Archaeology <sup>H</sup>	6
AMST 317	Adoption in America	3	ANTH 454	The Archaeology of African Diasporas	3
AMST 334	Defining America I <sup>H</sup>	3	ANTH 455	Ethnohistory	3
AMST 337	Beyond Red Power: American Indian Activism since 1900	3	ANTH 456	Archaeology and Ethnography of Small-Scale Societies	3
AMST 339	The Long 1960s in Native America	3	ANTH 457	Perspectives in Historical Archaeology	3
AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3	ANTH 460	Historical Ecology	3
AMST 352	The Asian American Experience	3	ANTH 461	Colonialism and Postcolonialism: History and Anthropology	3
AMST 378	Nation Building and National Identity in Australia and the United States <sup>H</sup>	3	ANTH 468	State Formation	3
AMST 387	Race and Empire in 20th-Century American Intellectual History	3	ANTH 538	Disease and Discrimination in Colonial Atlantic America	3
AMST 390	Seminar in American Studies	3	ANTH 550	Archaeology of the American South	3
AMST 410	Senior Seminar in Southern Studies	3	ARAB 321	Visions of Emancipation in Modernist Arab Thought	3
AMST 482	Images of the American Landscape	3	ARTH 330	Art and the History of Museums, 1750-2000	3
AMST 486	Shalom Y'all: The Jewish Experience in the American South	3	ARTH 340	Art and Interchange in Medieval Iberia	3
AMST 510	Federal Indian Law and Policy	3	ARTH 458	Islamic Architecture and the Environment	3
AMST 511	American Indians and American Law	3	ARTH 464	Greek Architecture	3
AMST 671	Introduction to Public History	3	ARTH 467	Celtic Art and Cultures	3
ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3	ARTH 514	Monuments and Memory	3
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3	ARTH 561	Arts of the Islamic Mediterranean	3
ANTH 64	First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	3	ARTH 562	Islamic Urbanism	3
ANTH 65	First-Year Seminar: Humans and Animals: Anthropological Perspectives	3	ASIA 63	First-Year Seminar: Japanese Tea Culture	3
ANTH 67	First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3	ASIA 131	Southeast Asia to the Early 19th Century	3
			ASIA 133	Introduction to Chinese History	3
			ASIA 134	Modern East Asia	3
			ASIA 135	History of the Indian Subcontinent to 1750	3
			ASIA 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
			ASIA 138	History of Muslim Societies to 1500	3
			ASIA 139	History of Muslim Societies since 1500	3
			ASIA 180	Introduction to Islamic Civilization	3

ASIA 181	Modern Muslim Societies	3	COMM 576	Making and Manipulating "Race" in the United States	3
ASIA 244	Asian History/Study Abroad Program	3-6	DRAM 470	Survey of Costume History <sup>H</sup>	3
ASIA 272	Contemporary India, Pakistan, and Bangladesh	3	DRAM 475	Costume History: Africa, Asia, and Arabia <sup>H</sup>	3
ASIA 276	The Modern Middle East	3	ECON 58	First-Year Seminar: History of Financial Crisis, 1637-2013	3
ASIA 277	The Conflict over Israel/Palestine	3	EDUC 510	Mexican American and Chicana/o Experience in Education	3
ASIA 281	The Pacific War, 1937-1945: Its Causes and Legacy	3	EDUC 529	Education in American Society	3
ASIA 282	China in the World	3	ENEC 460	Historical Ecology	3
ASIA 287	Japan's Modern Revolution	3	ENEC 585	American Environmental Policy	3
ASIA 288	Japan in the 20th Century	3	ENGL 75	First-Year Seminar: Interpreting the South from Manuscripts	3
ASIA 304	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3	ENGL 314	History of the English Language	3
ASIA 331	Cracking India: Partition and Its Legacy in South Asia	3	ENVR 585	American Environmental Policy	3
ASIA 350	The Asian American Experience	3	EURO 159	From War to Prosperity: 20th-Century Europe	3
ASIA 458	Islamic Architecture and the Environment	3	EURO 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
ASIA 537	Women in the Middle East	3	EURO 257	Politics, Society, and Culture in Postwar Germany	3
ASIA 555	Religion, Coexistence, and Conflict in Medieval India	3	EURO 259	Towards Emancipation? Women in Modern Europe	3
ASIA 556	Gender in Indian History	3	EURO 347	Fascist Challenge in Europe, 1918-1945	3
ASIA 557	Bandits, Rebels and Storytellers: Fiction and History in India	3	FOLK 455	Ethnohistory	3
ASIA 561	Arts of the Islamic Mediterranean	3	FOLK 480	Vernacular Traditions in African American Music	4
ASIA 570	The Vietnam War	3	FOLK 560	Southern Literature and the Oral Tradition	3
ASIA 582	Islam and Islamic Art in South Asia	3	FOLK 571	Southern Music	3
ASIA 583	Religion and Culture in Iran, 1500-Present	3	FOLK 670	Introduction to Oral History	3
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3	GEOG 64	First-Year Seminar: Vietnam	3
CLAR 110	The Archaeology of Palestine in the New Testament Period	3	GERM 216	The Viking Age	3
CLAR 120	Ancient Cities <sup>H</sup>	3	GERM 227	Luther and the Bible	3
CLAR 241	Archaeology of Ancient Near East	3	GERM 311	The Crusades	3
CLAR 242	Archaeology of Egypt	3	GLBL 383	Global Whiteness	3
CLAR 243	Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3	GSSL 51	First-Year Seminar: Stalin and Hitler: Historical Issues in Cultural and Other Perspectives	3
CLAR 244	Greek Archaeology	3	GSSL 53	First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3
CLAR 245	Archaeology of Italy	3	GSSL 55	First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars	3
CLAR 375	Archaeology of Cult	3	GSSL 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
CLAR 380	Life in Ancient Pompeii	3	GSSL 58	First-Year Seminar: Love in the Middle Ages	3
CLAR 464	Greek Architecture	3	GSSL 59	First-Year Seminar: Moscow 1937: Dictatorships and Their Defenders	3
CLAR 475	Frontiers and Provinces of the Roman Empire	3	GSSL 218	Christianity and Islam in the Middle Ages	3
CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages	3	GSSL 251	Ideology and Aesthetics: Marxism and Literature	3
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	3	GSSL 254	The Division of Germany, Reunification, and Conflict with Russia <sup>H</sup>	3
CLAS 62	First-Year Seminar: Barbarians in Greek and Roman Culture	3	GSSL 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
CLAS 71	First-Year Seminar: The Architecture of Empire <sup>H</sup>	3	GSSL 270	German Culture and the Jewish Question	3
CLAS 73	First-Year Seminar: Life in Ancient Pompeii <sup>H</sup>	3	GSSL 285	Dissent and Protest in Central Europe	3
CLAS 122	The Romans <sup>H</sup>	3	HIST 50	First-Year Seminar: Time and the Medieval Cosmos	3
CLAS 242	Sex and Gender in Antiquity	3	HIST 51	First-Year Seminar: Latin American Revolutions	3
CLAS 391	Junior Seminar	3			
CMPL 270	German Culture and the Jewish Question	3			
COMM 249	Introduction to Communication Technology, Culture, and Society	3			



HIST 52	First-Year Seminar: Conflicts over Israel/Palestine	3	HIST 151	European History to 1650	3
HIST 53	First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-1930	3	HIST 152	European History since 1650	3
HIST 62	First-Year Seminar: Nations, Borders, and Identities	3	HIST 153	From the Bible to Broadway: Jewish History to Modern Times	3
HIST 64	First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3	HIST 157	History of Britain since 1688	3
HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3	HIST 158	Early Modern European History, 1450-1815	3
HIST 70	First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3	HIST 159	From War to Prosperity: 20th-Century Europe	3
HIST 72	First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3	HIST 162	Russia under the Last Tsars and Soviet Commissars	3
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3	HIST 163	Modern Central Asia	3
HIST 76	First-Year Seminar: Understanding 1492	3	HIST 164	History of Britain in the 19th Century	3
HIST 79	First-Year Seminar: Coming of Age in 20th Century America	3	HIST 165	History of Britain in the 20th Century	3
HIST 81	First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3	HIST 166	History of Afghanistan	3
HIST 83	First-Year Seminar: African History through Popular Music	3	HIST 174H	Honors Seminar in African, Asian, and Middle Eastern History	3
HIST 84	First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies <sup>H</sup>	3	HIST 175H	Honors Seminar in Latin American History	3
HIST 85	First-Year Seminar: What Concentration Camp Survivors Tell Us <sup>H</sup>	3	HIST 176H	Honors Seminar in Russian, Eurasian, and Eastern European History	3
HIST 101	Historical Analysis for the Information Age	3	HIST 177H	Honors Seminar in Early European History	3
HIST 106	Ancient History	3	HIST 178H	Honors Seminar in Modern European History	3
HIST 107	Medieval History	3	HIST 179H	Honors Seminar in American History	3
HIST 108	Introduction to Early Medieval History 500-1050	3	HIST 202	Borders and Crossings	3
HIST 110	Introduction to the Cultures and Histories of Native North America	3	HIST 203	Empires and Cultures in the Modern World	3
HIST 120	Sport and American History	3	HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3
HIST 121	History of Religion in North America	3	HIST 207	The Global Cold War	3
HIST 124	United States History through Film	3	HIST 212	History of Sea Power	3
HIST 125	The Social History of Popular Music in 20th-Century America	3	HIST 213	Air Power and Modern Warfare	3
HIST 127	American History to 1865	3	HIST 220	The Olympic Games: A Global History	3
HIST 128	American History since 1865	3	HIST 225	History of Greece	3
HIST 130	Modern African History	3	HIST 226	History of Rome	3
HIST 131	Southeast Asia to the Early 19th Century	3	HIST 228	The Medieval Expansion of Europe	3
HIST 133	Introduction to Chinese History	3	HIST 230	Why History Matters to Public Policy	3
HIST 134	Modern East Asia	3	HIST 231	Native American History: The East	3
HIST 135	History of the Indian Subcontinent to 1750	3	HIST 233	Native American History: The West	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3	HIST 234	Native American Tribal Studies <sup>H</sup>	3
HIST 137	Muhammad to Malcolm X: Islam, Politics, Race, and Gender	3	HIST 235	Native America in the 20th Century	3
HIST 138	History of Muslim Societies to 1500	3	HIST 236	Sex and American History	3
HIST 139	History of Muslim Societies since 1500	3	HIST 239	Religion in North America since 1865	3
HIST 140	The World since 1945	3	HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3
HIST 142	Latin America under Colonial Rule	3	HIST 241	History of Latinos in the United States	3
HIST 143	Latin America since Independence	3	HIST 242	United States-Latin American Relations	3
HIST 144	Women in the United States from Settlement to Present	3	HIST 243	The United States and Africa <sup>H</sup>	3
			HIST 244	History of the American Presidency	3
			HIST 245	The United States and the Cold War: Origins, Development, Legacy	3
			HIST 246	The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
			HIST 247	Early Modern Japanese History and Culture	3
			HIST 249	World Christianity since 1450	3
			HIST 250	Antisemitism and Islamophobia	3
			HIST 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3

HIST 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3	HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 253	Art and Power in Early Modern Europe <sup>H</sup>	3	HIST 335	Cracking India: Partition and Its Legacy in South Asia	3
HIST 254	War and Society in Early Modern Europe	3	HIST 340	Ethics and Business in Africa <sup>H</sup>	3
HIST 255	Manor to Machine: The Economic Shaping of Europe	3	HIST 345	Comparative Strategies of Empire	3
HIST 256	France, 1940 to the Present	3	HIST 346	Dictators in the 20th Century	3
HIST 257	Politics, Society, and Culture in Postwar Germany	3	HIST 347	Fascist Challenge in Europe, 1918-1945	3
HIST 258	Modern Italy since 1848	3	HIST 348	Population Transfers, Migration, and Displacement in Europe from the 19th to the 21st Century	3
HIST 259	Towards Emancipation? Women in Modern Europe	3	HIST 349	Comparative Empires in the Modern World	3
HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	3	HIST 351	Global History of Warfare	3
HIST 261	France, 1870-1940	3	HIST 353	Cinema, Culture, and Society in Weimar and Nazi Germany	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3	HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 264	Gender in Russian History	3	HIST 355	American Women's History to 1865	3
HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3	HIST 356	American Women's History, 1865 to the Present	3
HIST 269	The History of London, World City, 1890-Present	3	HIST 357	The Old South	3
HIST 271	Premodern Japanese History and Culture	3	HIST 359	Jacksonian America, 1815-1848	3
HIST 272	Contemporary India, Pakistan, and Bangladesh	3	HIST 360	Modern American Intellectual History <sup>H</sup>	3
HIST 273	Water, Conflict, and Connection in the Middle East	3	HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 274	History of the Ottoman Empire, 1300-1923	3	HIST 362	Baseball and American History	3
HIST 276	The Modern Middle East	3	HIST 363	Popular Culture and American History <sup>H</sup>	3
HIST 277	The Conflict over Israel/Palestine	3	HIST 364	History of American Business	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3	HIST 365	The Worker and American Life	3
HIST 279	Modern South Africa <sup>H</sup>	3	HIST 366	North Carolina History before 1865	3
HIST 280	Women and Gender in Latin American History	3	HIST 367	North Carolina History since 1865	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3	HIST 368	War and American Society to 1903	3
HIST 284	Late Imperial China	3	HIST 369	War and American Society, 1903 to the Present	3
HIST 285	20th-Century China	3	HIST 372	History of American Politics, 1932-Present <sup>H</sup>	3
HIST 287	Japan's Modern Revolution	3	HIST 373	The United States in World War II	3
HIST 288	Japan in the 20th Century	3	HIST 374	The American West, 1800 to the Present	3
HIST 289	America in the 1970s	3	HIST 375	History of Gender in America	3
HIST 302	Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3	HIST 376	History of African Americans to 1865	3
HIST 308	The Renaissance and the Jews	3	HIST 377	History of African Americans, 1865 to Present <sup>H</sup>	3
HIST 309	Old Regime France, 1661-1787	3	HIST 381	Bebop to Hip-Hop: The Modern Black Freedom Struggle through Music	3
HIST 310	The French Revolution	3	HIST 382	The History of the Civil Rights Movement	3
HIST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3	HIST 383	Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
HIST 312	History of France and Algeria	3	HIST 384	America in the Sixties <sup>H</sup>	3
HIST 313	Women and the Law in Africa and the Middle East	3	HIST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3
HIST 320	Museums in Europe and the Americas: History and Theory <sup>H</sup>	3	HIST 421	Alexander	3
HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3	HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 329	An Introduction to the History of Medicine <sup>H</sup>	3	HIST 423	Archaic Greece, 800-480 BCE	3
HIST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>	3	HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3	HIST 425	Roman History, 154 BCE-14 CE	3
HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3	HIST 427	The Early Roman Empire, 14 CE-193 CE	3
			HIST 428	The Later Roman Empire, 193 CE-378 CE	3
			HIST 429	Ancient Sexuality	3
			HIST 431	The Medieval Church	3
			HIST 432	The Crusades	3

HIST 434	Medieval England	3	HIST 526	History of the Andes	3
HIST 435	The Medieval University	3	HIST 527	Latin American Indigenous Peoples	3
HIST 436	Medieval Theology, Gender, and the Body	3	HIST 528	Guerrillas and Counterinsurgencies in Latin America	3
HIST 437	Aristocratic Culture in the Central Middle Ages	3	HIST 529	Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation	3
HIST 438	Medieval Masculinities, 500-1200 <sup>H</sup>	3	HIST 533	History of Brazil	3
HIST 451	1492: The Expulsion of the Jews from Spain	3	HIST 534	The African Diaspora	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3	HIST 535	Women and Gender in African History	3
HIST 453	Mediterranean Societies and Economics in the Renaissance World	3	HIST 537	Women in the Middle East	3
HIST 459	Global Evangelicalism since 1600	3	HIST 550	Gender in Chinese History	3
HIST 460	Late Medieval and Reformation Germany	3	HIST 555	Religion, Coexistence, and Conflict in Medieval India	3
HIST 461	Early Modern Germany, 1600-1815	3	HIST 556	Gender in Indian History	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3	HIST 557	Bandits, Rebels and Storytellers: Fiction and History in India	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3	HIST 561	The American Colonial Experience	3
HIST 466	Modern European Intellectual History	3	HIST 564	The American Revolution, 1763-1815	3
HIST 469	European Social History, 1815-1970	3	HIST 566	The History of Sexuality in America	3
HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3	HIST 568	Women in the South	3
HIST 475	Feminist Movements in the United States since 1945 <sup>H</sup>	3	HIST 569	African American Women's History	3
HIST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3	HIST 570	The Vietnam War	3
HIST 477	Revolution in Russia, 1900-1930	3	HIST 571	Southern Music	3
HIST 478	Stalin and After: The USSR, 1929-Present	3	HIST 576	The Ethnohistory of Native American Women	3
HIST 479	History of Female Sexualities in the West	3	HIST 577	United States Foreign Relations in the 20th Century	3
HIST 480	Russia's 19th Century: Cultural Splendor, Imperial Decay	3	HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3	HIST 581	American Constitutional History to 1876	3
HIST 482	Russia, Eurasian Empire	3	HIST 582	American Constitutional History since 1876	3
HIST 483	Nation and Religion in Russia: Orthodoxy, Islam, and Judaism	3	HIST 585	Race, Basketball, and the American Dream	3
HIST 484	Islam in Tsarist and Soviet Russia	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3	HIST 593	Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program	3
HIST 486	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3	HIST 625	Technology and American Culture	3
HIST 489	The History of the 2008 Financial Crisis <sup>H</sup>	3	HIST 670	Introduction to Oral History	3
HIST 490	Special Topics in History <sup>H</sup>	3	HIST 671	Introduction to Public History	3
HIST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3	HIST 692H	Honors in History	3
HIST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3	ITAL 258	Modern Italy since 1848	3
HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3	ITAL 320	Italian Cities and Cultures	3
HIST 509	The World History of Slavery	3	ITAL 330	Italian Civilization I	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3	ITAL 331	Italian Civilization II	3
HIST 511	9/11 in World History	3	ITAL 339	US-Italian Encounters: War, Tourism, Myth	3
HIST 514	Monuments and Memory	3	ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
HIST 516	Historical Time <sup>H</sup>	3	ITAL 365	Italian Food and Culture	3
HIST 517	Gender, Military, and War in Comparative Perspective	3	JAPN 150	Introduction to Japanese Culture	3
			JAPN 231	Premodern Japanese History and Culture	3
			JAPN 246	Early Modern Japanese History and Culture	3
			JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
			JWST 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3

JWST 100	Introduction to Jewish Studies	3	PWAD 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
JWST 106	Introduction to Early Judaism	3	PWAD 254	War and Society in Early Modern Europe	3
JWST 107	Introduction to Modern Judaism	3	PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
JWST 110	The Archaeology of Palestine in the New Testament Period	3	PWAD 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
JWST 153	From the Bible to Broadway: Jewish History to Modern Times	3	PWAD 273	Water, Conflict, and Connection in the Middle East	3
JWST 239	German Culture and the Jewish Question	3	PWAD 277	The Conflict over Israel/Palestine	3
JWST 253	A Social History of Jewish Women in America	3	PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
JWST 262	History of the Holocaust: The Destruction of the European Jews	3	PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
JWST 308	The Renaissance and the Jews	3	PWAD 339	US-Italian Encounters: War, Tourism, Myth	3
JWST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3	PWAD 351	Global History of Warfare	3
JWST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>	3	PWAD 354	War and Gender in Movies <sup>H</sup>	3
JWST 451	1492: The Expulsion of the Jews from Spain	3	PWAD 359	Comparative History of National Intelligence Regimes	3
JWST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3	PWAD 360	The History of Warning Intelligence	3
JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3	PWAD 361	The History of Deception	3
JWST 486	Shalom Y'all: The Jewish Experience in the American South	3	PWAD 368	War and American Society to 1903	3
KOR 327	Korean Diasporas	3	PWAD 369	War and American Society, 1903 to the Present	3
LING 444	Origin and Evolution of Human Language	3	PWAD 373	The United States in World War II	3
LING 558	Ancient Mayan Hieroglyphs	3	PWAD 421	Alexander	3
LING 678	History of the Spanish Language	3	PWAD 422	Ancient Greek Warfare <sup>H</sup>	3
LTAM 291	The Latino Experience in the United States	3	PWAD 432	The Crusades	3
MEJO 242	From Gutenberg to Google: A History of Media	3	PWAD 485	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
MEJO 342	The Black Press and United States History	3	PWAD 488	Nuclear Security in the 21st Century	3
MNGT 364	History of American Business	3	PWAD 517	Gender, Military, and War in Comparative Perspective	3
MNGT 365	The Worker and American Life	3	PWAD 528	Guerrillas and Counterinsurgencies in Latin America	3
MUSC 56	First-Year Seminar: Early-Modern Court Spectacle	3	PWAD 564	The American Revolution, 1763-1815	3
MUSC 59	First-Year Seminar: 20th-Century Music and Visual Art	3	PWAD 570	The Vietnam War	3
MUSC 62	First-Year Seminar: Vienna: City of Dreams <sup>H</sup>	3	PWAD 577	United States Foreign Relations in the 20th Century	3
MUSC 255	Studies in Music History II, 1750 to the Present	3	PWAD 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
PHYS 50	First-Year Seminar: Time and the Medieval Cosmos	3	RELI 61	First-Year Seminar: Religion, Magic, and Science	3
PLAN 585	American Environmental Policy	3	RELI 63	First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
PLCY 231	Why History Matters to Public Policy	3	RELI 72	First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
PLCY 585	American Environmental Policy	3	RELI 80	First-Year Seminar: Religion and Writing in the Ancient World	3
POLI 240	African American Politics	3	RELI 105	Religions of the Greco-Roman World	3
POLI 257	Politics, Society, and Culture in Postwar Germany	3	RELI 106	Introduction to Early Judaism	3
POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3	RELI 107	Introduction to Modern Judaism	3
POLI 474	Religion and Politics	3	RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
PORT 323	Cultures of Brazil, Portugal, and Portuguese Africa	3	RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
PWAD 134	Modern East Asia	3	RELI 110	The Archaeology of Palestine in the New Testament Period	3
PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3	RELI 123	Introduction to Jewish Studies	3
PWAD 207	The Global Cold War	3			
PWAD 212	History of Sea Power	3			
PWAD 213	Air Power and Modern Warfare	3			
PWAD 245	The United States and the Cold War: Origins, Development, Legacy	3			





CLAS 415	Roman Law <sup>H</sup>	3	PHIL 51	First-Year Seminar: Who Was Socrates?	3
COMM 170	Rhetoric and Public Issues	3	PHIL 52	First-Year Seminar: Reason and Religion at the Dawn of Modern Science	3
COMM 374	The Southern Experience in Rhetoric	3	PHIL 53	First-Year Seminar: Theories in Human Nature <sup>H</sup>	3
COMM 375	Environmental Advocacy	3	PHIL 54	First-Year Seminar: Thinking about Time	3
COMM 412	Critical Theory	3	PHIL 55	First-Year Seminar: Paradoxes	3
COMM 450	Media and Popular Culture	3	PHIL 56	First-Year Seminar: Abortion	3
COMM 470	Political Communication and the Public Sphere	3	PHIL 58	First-Year Seminar: From Vengeance to Mercy: Dealing with Evil	3
COMP 380	Introduction to Digital Culture <sup>H</sup>	3	PHIL 59	First-Year Seminar: Proofs of the Existence of God	3
COMP 388	Advanced Cyberculture Studies	3	PHIL 60	First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature <sup>H</sup>	3
ECON 234	Survey of the History of Economic Thought	3	PHIL 66	First-Year Seminar: Ethics: Theoretical and Practical	3
ECON 384	Introduction to Philosophy, Politics, and Economics	3	PHIL 67	First-Year Seminar: Issues in a World Society: Sports and Competition	3
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>	3-4	PHIL 68	First-Year Seminar: Moral Life <sup>H</sup>	3
ENEC 368	Environmental Ethics	3	PHIL 75	First-Year Seminar: Evil	3
ENEC 375	Environmental Advocacy	3	PHIL 76	First-Year Seminar: Is Free Will an Illusion? <sup>H</sup>	3
ENEC 463	Business and the Environment <sup>H</sup>	3	PHIL 77	First-Year Seminar: Moral Weakness and Conscience	3
ENGL 448	Philosophies of Life from Classical Antiquity to 1800	3	PHIL 78	First-Year Seminar: Death as a Problem for Philosophy: Metaphysical and Ethical	3
ENGL 611	Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3	PHIL 79	First-Year Seminar: Words That Bind: The Structure of Constitutions	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation	3	PHIL 85	First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution <sup>H</sup>	3
FREN 515	Social Networks: Technology and Community in Modern France	3	PHIL 101	Introduction to Philosophy: Main Problems <sup>H</sup>	3
GEOG 62	First-Year Seminar: The Culture of Technology	3	PHIL 105	How to Reason and Argue: An Introduction to Critical Thinking	3
GEOG 63	First-Year Seminar: The Problem with Nature and Its Preservation	3	PHIL 110	Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works <sup>H</sup>	3
GERM 245	Marx, Nietzsche, and Freud	3	PHIL 112	Making Sense of Ourselves <sup>H</sup>	3
GERM 280	20th-Century German Philosophy and Modern Youth Cultures	3	PHIL 134	Philosophy of Western Religion <sup>H</sup>	3
GERM 281	The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3	PHIL 140	Knowledge and Society <sup>H</sup>	3
GERM 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3	PHIL 143	AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival	3
GERM 286	(Un)Welcomed Guests? German Reflections on Exile and Immigration	3	PHIL 145	Language and Communication <sup>H</sup>	3
GERM 370	Readings in German Intellectual History	3	PHIL 150	Theory, Evidence, and Understanding in Science <sup>H</sup>	3
GERM 384	Guilt, Suffering, and Trauma in Post War Germany	3	PHIL 154	Philosophy of the Social Sciences	3
GSSL 68	First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy <sup>H</sup>	3	PHIL 160	Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	3
GSSL 246	Reality and Its Discontents: Kant to Kafka	3	PHIL 163	Practical Ethics <sup>H</sup>	3
GSSL 284	Philosophy and the Arts	3	PHIL 164	Morality and Business	3
GSSL 480	Interrogating Cultures of Fascism: Introduction to Frankfurt School's Critical Theory 1923-Present	3	PHIL 165	Bioethics <sup>H</sup>	3
HPM 571	Health and Human Rights	3	PHIL 170	Social Ethics and Political Thought <sup>H</sup>	3
INLS 384	Information and Computer Ethics	3	PHIL 180	Philosophy of Comedy	3
ITAL 359	Medieval Frauds: Fake News, Counterfeits, and Forgeries	3	PHIL 185	Aesthetics and the Philosophy of Art <sup>H</sup>	3
JWST 224	Modern Jewish Thought <sup>H</sup>	3	PHIL 210	Ancient Greek Philosophy <sup>H</sup>	3
JWST 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3	PHIL 213	Asian Philosophy	3
LING 145	Language and Communication <sup>H</sup>	3	PHIL 215	Medieval Philosophy	3
LING 545	Language and Mind	3	PHIL 220	17th and 18th Century Western Philosophy <sup>H</sup>	3
MEJO 141	Media Ethics	3	PHIL 224	Existential Philosophy <sup>H</sup>	3
NAVS 402	Naval Leadership and Ethics	3	PHIL 230	Experience and Reality <sup>H</sup>	3

PHIL 261	Ethics in Practice	3	POLI 470	Social and Political Philosophy <sup>H</sup>	3
PHIL 266	Ethics of Sports <sup>H</sup>	3	POLI 471	Contemporary Political Thought <sup>H</sup>	3
PHIL 272	The Ethics of Peace, War, and Defense	3	POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
PHIL 273	Philosophical Perspectives on Justice	3	POLI 473	Politics and Literature	3
PHIL 274	African American Political Philosophy <sup>H</sup>	3	POLI 477	Advanced Feminist Political Theory	3
PHIL 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3	PWAD 272	The Ethics of Peace, War, and Defense	3
PHIL 280	Morality and Law <sup>H</sup>	3	PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
PHIL 282	Human Rights: Philosophical Interrogations	3	RELI 64	First-Year Seminar: Reintroducing Islam	3
PHIL 285	Moral and Philosophical Issues in Education	3	RELI 65	First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
PHIL 330	Metaphysics	3	RELI 66	First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
PHIL 335	Theory of Knowledge	3	RELI 68	FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination <sup>H</sup>	3
PHIL 340	Philosophy of Mind	3	RELI 71	First-Year Seminar: Ethics and the Spirit of the New Capitalism	3
PHIL 351	Philosophy of Physics <sup>H</sup>	3	RELI 74	First-Year Seminar: Person, Time, and Religious Conduct <sup>H</sup>	3
PHIL 354	Quantum Mechanics, Weirdness, and Reality	3	RELI 75	First-Year Seminar: Sacrifice and Surrender	3
PHIL 360	History of Ethics <sup>H</sup>	3	RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3
PHIL 362	Contemporary Ethical Theory <sup>H</sup>	3	RELI 79	First-Year Seminar: Human Animals in Religion and Ethics	3
PHIL 364	Ethics and Economics	3	RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3
PHIL 368	Environmental Ethics	3	RELI 102	World Religions	3
PHIL 370	Political Philosophy	3	RELI 104	Introduction to the New Testament <sup>H</sup>	3
PHIL 381	Philosophy and Film <sup>H</sup>	3	RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
PHIL 384	Introduction to Philosophy, Politics, and Economics	3	RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
PHIL 424	Kant's Practical Philosophy	3	RELI 125	Heaven and Hell	3
PHIL 450	Philosophy of Natural Sciences	3	RELI 126	Philosophy of Western Religion <sup>H</sup>	3
PHIL 460	History of Moral Philosophy	3	RELI 127	The Claims of Science and Religion	3
PHIL 462	Contemporary Moral Philosophy	3	RELI 134	Introduction to Religious Ethics <sup>H</sup>	3
PHIL 470	Political Philosophy from Hobbes to Rousseau	3	RELI 135	Technology, the Self, and Ethical Problems	3
PHIL 474	Foundations of Modern Political Philosophy	3	RELI 138	Religious Freedom	3
PHIL 476	Recent Developments in Political Philosophy	3	RELI 166	Ideals, Cultures, and Rituals of the University <sup>H</sup>	3
PHIL 480	Philosophy of Law	3	RELI 184	East Asian Religions: The Religions of East Asia and the Environment	3
PHYS 354	Quantum Mechanics, Weirdness, and Reality	3	RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3
PLCY 71	First-Year Seminar: Justice and Inequality	3	RELI 220	Religion and Medicine	3
PLCY 340	Justice in Public Policy <sup>H</sup>	3	RELI 222	Modern Western Religious Thought	3
PLCY 364	Ethics and Economics	3	RELI 224	Modern Jewish Thought <sup>H</sup>	3
PLCY 440	Justice and Inequality	3	RELI 226	Human Animals in Religion and Ethics	3
PLCY 570	Health and Human Rights	3	RELI 266	Medieval and Renaissance Christian Cultures	3
POLI 52	First-Year Seminar: Friendship in Political Thought <sup>H</sup>	3	RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
POLI 56	First-Year Seminar: American Political Autobiography	3	RELI 322	Theories of Religion <sup>H</sup>	3
POLI 73	First-Year Seminar: Politics and Animal Life <sup>H</sup>	3	RELI 325	Religion, Magic, and Science	3
POLI 75	First-Year Seminar: Thinking about Law	3	RELI 338	Religion in American Law	3
POLI 265	Feminism and Political Theory	3	RELI 365	Studies in Christian Theologies and Theologians	3
POLI 270	Classical Political Thought <sup>H</sup>	3	RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
POLI 271	Modern Political Thought <sup>H</sup>	3	RELI 421	Religion and Science	3
POLI 272	The Ethics of Peace, War, and Defense	3	RELI 424	Gender Theory and the Study of Religion	3
POLI 274	African American Political Thought	3			
POLI 276	Major Issues in Political Theory <sup>H</sup>	3			
POLI 280	American Political Thought <sup>H</sup>	3			
POLI 384	Introduction to Philosophy, Politics, and Economics	3			
POLI 432	Tolerance in Liberal States	3			

RELI 426	The Sacrifice of Abraham <sup>H</sup>	3	ARAB 150	Introduction to Arab Cultures	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3	ARAB 151	Arabic Literature through the Ages	3
RELI 450	Sexuality in Jewish Tradition and History	3	ARAB 407	Readings in Arabic I	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	3	ARAB 408	Readings in Arabic II	3
RELI 482	Sex, Gender, and Religion in South Asia	3	ARAB 434	Modern Arabic Literature in Translation	3
RELI 522	19th-Century Critiques of Religion	3	ARAB 443	Dissident Voices in Arab Cultures	3
RELI 526	Dimensions of Evil	3	ARAB 452	Imagining Palestine	3
RELI 527	Religious Metaphor and Symbol	3	ASIA 52	First-Year Seminar: Food in Chinese Culture	3
RELI 530	Genealogies of Religion	3	ASIA 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
RELI 566	Islamic and Jewish Legal Literature	3	ASIA 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
RELI 603	The Bible and Its Translation	3	ASIA 70	First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals	3
RELI 609	Christianity and Greco-Roman Culture	3	ASIA 124	Iranian Post-1979 Cinema	3
RELI 617	Death and Afterlife in the Ancient World	3	ASIA 126	Introduction to Persian Literature	3
SOCI 250	Sociological Theory	3	ASIA 127	Iranian Women Writers	3
SOCI 273	Social and Economic Justice, Experiential Education	3	ASIA 151	Literature and Society in Southeast Asia	3
SOCI 274	Social and Economic Justice	3	ASIA 152	Survey of South Asian Cultural History	3
WGST 265	Feminism and Political Theory	3	ASIA 163	Hindi-Urdu Poetry in Performance	3
WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3	ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
WGST 424	Gender Theory and the Study of Religion	3	ASIA 241	Asian Literature/Study Abroad Program	3-6
WGST 450	Sexuality in Jewish Tradition and History	3	ASIA 256	Love in Classical Persian Poetry	3
WGST 477	Advanced Feminist Political Theory	3	ASIA 258	Iranian Prison Literature	3
WGST 482	Sex, Gender, and Religion in South Asia	3	ASIA 261	India through Western Eyes	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Literary Arts (LA)

Code	Title	Hours	Code	Title	Hours
AAAD 201	Introduction to African Literature	3	ASIA 332	The Story of Rama in India	3
AAAD 238	African American Literature Survey	3	ASIA 333	The Mahabharata: Remembered and Reimagined	3
AAAD 388	Global Black Feminisms and Women's Apocalyptic Writing	3	ASIA 359	Literary Diasporas of the Middle East	3
AMST 62	First-Year Seminar: Mobility, Roads, NASCAR, and Southern Culture	3	ASIA 360	Contemporary Asian American Literature and Theory	3
AMST 201	Literary Approaches to American Studies	3	ASIA 380	Almost Despicable Heroines in Japanese and Western Literature	3
AMST 211	Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3	ASIA 382	The Story of Rama in Indian Culture—Experiential	3
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3	ASIA 383	The Mahabharata: Remembered and Reimagined—Experiential	3
AMST 252	Muslim American Literatures and Cultures	3	ASIA 431	Persian Sufi Literature	3
AMST 256	Anti-'50s: Voices of a Counter Decade	3	ASIA 442	Postcolonial Literature of the Middle East	3
AMST 257	Melville: Culture and Criticism	3	ASIA 471	Gender and Sexuality in Middle Eastern Literature	3
AMST 258	Captivity and American Cultural Definition	3	ASIA 481	Rhetoric of Silence: Cross-Cultural Theme and Technique	3
AMST 290	Topics in American Studies	3	ASIA 483	Cross-Currents in East-West Literature	3
AMST 335	Defining America II <sup>H</sup>	3	ASIA 486	Literary Landscapes in Europe and Japan <sup>H</sup>	3
AMST 338	Native American Novel	3	ASIA 489	Animals in Japanese Religion	3
AMST 360	The Jewish Writer in American Life	3	ASIA 522	The Beauty and the Power of the Classical Indian World	3
AMST 365	Women and Detective Fiction: From Miss Violet Strange to Veronica Mars	3	ASIA 584	The Qur'an as Literature	3
AMST 440	American Indian Poetry	3	BCS 411	Introduction to South Slavic Literatures and Cultures	3
AMST 685	Literature of the Americas	3	CHIN 231	Chinese Literature in Translation through the T'ang	3
			CHIN 232	Chinese Literature in Translation since the Sung	3



CHIN 252	Introduction to Chinese Culture through Narrative	3	CMPL 180	Race and Ethnicity in Hollywood Productions and Beyond	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3	CMPL 198H	Literature in Eastern Europe	3
CHIN 464	The City in Modern Chinese Literature and Film	3	CMPL 220	Global Authors: Jane Austen <sup>H</sup>	3
CHIN 551	Chinese Poetry in Translation	3	CMPL 223	Global Authors: Cervantes	3
CHIN 552	Chinese Prose in Translation	3	CMPL 225	Global Authors: The Worlds of Shakespeare	3
CHIN 563	Post-Mao Chinese Literature in Translation	3	CMPL 230	Global Crusoe: The Desert-Island Idea in Film and Fiction	3
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3	CMPL 250	Approaches to Comparative Literature <sup>H</sup>	3
CLAS 51	First-Year Seminar: Greek Drama from Page to Stage	3	CMPL 251	Introduction to Literary Theory	3
CLAS 55	First-Year Seminar: Three Greek and Roman Epics <sup>H</sup>	3	CMPL 256	Love in Classical Persian Poetry	3
CLAS 56	First-Year Seminar: Women and Men in Euripides	3	CMPL 258	Iranian Prison Literature	3
CLAS 57	First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot <sup>H</sup>	3	CMPL 261	India through Western Eyes	3
CLAS 58	First-Year Seminar: What's So Funny? Women and Comedy from Athens to Hollywood	3	CMPL 275	Literature of Pilgrimage	3
CLAS 60	First-Year Seminar: Love, War, Death, and Family Life in Classical Myth <sup>H</sup>	3	CMPL 277	Myth, Fable, Novella: The Long History of the Short Story <sup>H</sup>	3
CLAS 61	First-Year Seminar: Writing the Past	3	CMPL 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
CLAS 63	First-Year Seminar: The Politics of Persuasion in the Ancient and Modern Worlds	3	CMPL 282	Russian Literature in World Cinema	3
CLAS 65	First-Year Seminar: The City of Rome	3	CMPL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3
CLAS 67	First-Year Seminar: Helen of Troy: From Homer to Hollywood	3	CMPL 359	Literary Diasporas of the Middle East	3
CLAS 121	The Greeks <sup>H</sup>	3	CMPL 364	The Classical Background of English Poetry <sup>H</sup>	3
CLAS 131	Classical Mythology <sup>H</sup>	3	CMPL 374	Modern Women Writers	3
CLAS 133H	Epic and Tragedy	3	CMPL 377	The World of the Beat Generation: Transcultural Connections	3
CLAS 240	Women in Greek Art and Literature <sup>H</sup>	3	CMPL 380	Almost Despicable Heroines in Japanese and Western Literature	3
CLAS 241	Women in Ancient Rome <sup>H</sup>	3	CMPL 383	Literature and Medicine <sup>H</sup>	3
CLAS 253	The Age of Pericles <sup>H</sup>	3	CMPL 385	Modernist and Postmodernist Narrative	3
CLAS 257	The Age of Augustus <sup>H</sup>	3	CMPL 386	Adolescence in 20th- and 21st-Century Literature	3
CLAS 258	The Age of the Early Roman Empire	3	CMPL 442	Postcolonial Literature of the Middle East	3
CLAS 259	Pagans and Christians in the Age of Constantine	3	CMPL 450	Major Works of 20th-Century Literary Theory	3
CLAS 362	Greek Tragedy <sup>H</sup>	3	CMPL 452	The Middle Ages	3
CLAS 363	Latin and Greek Lyric Poetry in Translation	3	CMPL 453	The Erotic Middle Ages	3
CLAS 364	The Classical Background of English Poetry <sup>H</sup>	3	CMPL 456	The 18th-Century Novel	3
CLAS 371	Cicero, Caesar, and the End of the Roman Republic	3	CMPL 458	Sense, Sensibility, Sensuality, 1740-1810	3
CLAS 409	Historical Literature Greek and Roman	3	CMPL 460	Transnational Romanticism: Romantic Movements in Europe and the Americas	3
CMPL 120	Great Books I: Epic and Lyric Traditions	3	CMPL 462	Realism	3
CMPL 121	Great Books I: Romancing the World <sup>H</sup>	3	CMPL 464	Naturalism	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3	CMPL 466	Modernism	3
CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3	CMPL 468	Aestheticism	3
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3	CMPL 469	Milan Kundera and World Literature	3
CMPL 130	Great Books II <sup>H</sup>	3	CMPL 470	Concepts and Perspectives of the Tragic	3
CMPL 131	Great Books II: Savage, Native, Stranger, Other	3	CMPL 471	Classical Rhetoric and Modern Theory	3
CMPL 132	Great Books II: Performance and Cultural Identity in the African Diaspora	3	CMPL 472	The Drama from Ibsen to Beckett	3
CMPL 134	Great Books II: Travel and Identity <sup>H</sup>	3	CMPL 473	Drama, Pageantry, and Spectacle in Medieval Europe	3
			CMPL 477	Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3
			CMPL 478	The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights	3
			CMPL 481	Rhetoric of Silence: Cross-Cultural Theme and Technique	3

CMPL 483	Cross-Currents in East-West Literature	3	ENGL 73	First-Year Seminar: Literature of War from World War I to the 21st Century	3
CMPL 485	Approaches to 20th-Century Narrative	3	ENGL 74	First-Year Seminar: Epic/Anti-Epic in Western Literature	3
CMPL 486	Literary Landscapes in Europe and Japan <sup>H</sup>	3	ENGL 76H	First-Year Seminar: Biography: People and Places, Chapel Hill	3
CMPL 487	Literature and the Arts of Love	3	ENGL 80	First-Year Seminar: The Politics of Persuasion: Southern Women's Rhetoric	3
CMPL 489	Empire and Diplomacy	3	ENGL 81	First-Year Seminar: Jane Eyre and Its Afterlives	3
CMPL 492	The Fourth Dimension: Art and the Fictions of Hyperspace	3	ENGL 85	First-Year Seminar: Economic Saints and Villains <sup>H</sup>	3
CMPL 500	Advanced Seminar	3	ENGL 86	First-Year Seminar: The Cities of Modernism	3
CMPL 558	The Lives and Times of Medieval Corpses	3	ENGL 88	First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11	3
CMPL 563	Studies in the Anglo-French Renaissance	3	ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	3
CMPL 621	Arthurian Romance	3	ENGL 121	British Literature, 19th and Early 20th Century	3
CMPL 624	The Baroque	3	ENGL 122	Introduction to American Literature <sup>H</sup>	3
CMPL 685	Literature of the Americas	3	ENGL 123	Introduction to Fiction	3
COMM 70	First-Year Seminar: Southern Writing in Performance	3	ENGL 124	Contemporary Literature	3
COMM 160	Introduction to Performance Studies <sup>H</sup>	3	ENGL 125	Introduction to Poetry	3
COMM 263	Performing Literature <sup>H</sup>	3	ENGL 126	Introduction to Drama	3
COMM 466	Advanced Study in Performing Literature	3	ENGL 127	Writing about Literature	3
CZCH 280	Closely Watched Trains: Czech Film and Literature	3	ENGL 128	Major American Authors	3
CZCH 411	Introduction to Czech Literature	3	ENGL 129	Literature and Cultural Diversity	3
CZCH 469	Milan Kundera and World Literature	3	ENGL 130	Introduction to Fiction Writing	3
DRAM 82	First-Year Seminar: All the World's a Stage: Drama as a Mirror of Society	3	ENGL 131	Introduction to Poetry Writing	3
DRAM 115	Perspectives in Drama <sup>H</sup>	3	ENGL 132H	First-Year Honors: Introduction to Fiction Writing	3
DRAM 117	Perspectives in World Drama <sup>H</sup>	3	ENGL 133H	First-Year Honors: Introduction to Poetry Writing	3
DRAM 215	Studies in Western Drama	3	ENGL 134H	First-Year Honors: Women's Lives	3
DRAM 282	Theatre History and Literature II	3	ENGL 135H	First-Year Honors: Types of Literature	3
DRAM 285	Modern British Drama <sup>H</sup>	3	ENGL 137	Literature in a Digital Age: Books, E-books, and the Literary Marketplace	3
DRAM 286	Modern Irish Drama	3	ENGL 138	Introduction to Creative Nonfiction	3
DRAM 289	Contemporary Irish Drama <sup>H</sup>	3	ENGL 140	Introduction to Gay and Lesbian Culture and Literature	3
DRAM 297	African American Women in Theatre	3	ENGL 141	World Literatures in English	3
DRAM 298	African Women in Theatre	3	ENGL 144	Popular Genres	3
DTCH 405	Topics in Dutch Culture: A Literary Survey	3	ENGL 145	Literary Genres <sup>H</sup>	3
EDUC 567	Children's Literature in Elementary and Middle Schools	3	ENGL 146	Science Fiction/Fantasy/Utopia	3
ENGL 52	First-Year Seminar: Computers and English Studies	3	ENGL 147	Mystery Fiction	3
ENGL 53	First-Year Seminar: Slavery and Freedom in African American Literature and Film	3	ENGL 148	Horror	3
ENGL 54	First-Year Seminar: The War to End All Wars? The First World War and the Modern World <sup>H</sup>	3	ENGL 149	Networked and Multimedia Composition	3
ENGL 55	First-Year Seminar: Reading and Writing Women's Lives <sup>H</sup>	3	ENGL 150	Introductory Seminar in Literary Studies	3
ENGL 57	First-Year Seminar: Future Perfect: Science Fictions and Social Form	3	ENGL 155	The Visual and Graphic Narrative	3
ENGL 59	First-Year Seminar: Black Masculinity and Femininity	3	ENGL 161	Literature of War from World War I to the 21st Century	3
ENGL 63	First-Year Seminar: Banned Books <sup>H</sup>	3	ENGL 191	Introduction to Literary Studies	3
ENGL 67	First-Year Seminar: Travel Literature	3	ENGL 206	Intermediate Fiction Writing	3
ENGL 69	First-Year Seminar: Entrepreneurial on the Web	3	ENGL 207	Intermediate Poetry Writing	3
ENGL 70	First-Year Seminar: Courtly Love, Then and Now	3	ENGL 208	Reading and Writing Creative Nonfiction	3
ENGL 71	First-Year Seminar: Doctors and Patients <sup>H</sup>	3	ENGL 210	Writing Young Adult Literature	3
ENGL 72	First-Year Seminar: Literature of 9/11	3	ENGL 225	Shakespeare <sup>H</sup>	3
			ENGL 226	Renaissance Drama <sup>H</sup>	3
			ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	3

ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3	ENGL 345	American Literature, 1900-2000 <sup>H</sup>	3
ENGL 230	Milton <sup>H</sup>	3	ENGL 347	The American Novel <sup>H</sup>	3
ENGL 240	Caribbean Literature	3	ENGL 348	American Poetry <sup>H</sup>	3
ENGL 250	Faulkner	3	ENGL 350	20th-Century British and American Poetry <sup>H</sup>	3
ENGL 261	An Introduction to Literary Criticism <sup>H</sup>	3	ENGL 355	The British Novel from 1870 to World War II <sup>H</sup>	3
ENGL 263	Literature and Gender <sup>H</sup>	3	ENGL 356	British and American Fiction since World War II <sup>H</sup>	3
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3	ENGL 357	20th-Century British Literature and Culture	3
ENGL 266	Science and Literature <sup>H</sup>	3	ENGL 359	Latina Feminisms	3
ENGL 267	Growing Up Latina/o	3	ENGL 360	Contemporary Asian American Literature and Theory	3
ENGL 268	Medicine, Literature, and Culture <sup>H</sup>	3	ENGL 361	Asian American Women's Writing	3
ENGL 270	Studies in Asian American Literature	3	ENGL 363	Feminist Literary Theory <sup>H</sup>	3
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3	ENGL 365	Migration and Globalization <sup>H</sup>	3
ENGL 274	Approaches to Drama: Regional Productions	3	ENGL 366	Literature and the Other Arts <sup>H</sup>	3
ENGL 278	Irish Writing, 1800-2000	3	ENGL 367	African American Literature to 1930 <sup>H</sup>	3
ENGL 281	Literature and Media	3	ENGL 368	African American Literature, 1930-1970 <sup>H</sup>	3
ENGL 282	Travel Literature <sup>H</sup>	3	ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>	3
ENGL 283	Life Writing <sup>H</sup>	3	ENGL 370	Race, Health, and Narrative <sup>H</sup>	3
ENGL 284	Reading Children's Literature	3	ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
ENGL 285	Classical Backgrounds in English Literature	3	ENGL 373	Southern American Literature <sup>H</sup>	3
ENGL 288	Literary Modernism	3	ENGL 374	Southern Women Writers	3
ENGL 289	Jewish American Literature and Culture of the 20th Century	3	ENGL 375	Contemporary North Carolina Literature	3
ENGL 291	The Illustrated Book: History of Illustration in Children's Texts	3	ENGL 377	Introduction to the Celtic Cultures	3
ENGL 292	Depictions of Childhood in Literature and the Visual Arts	3	ENGL 383	Literary Nonfiction <sup>H</sup>	3
ENGL 295	Undergraduate Research Seminar <sup>H</sup>	3	ENGL 385	Literature and Law	3
ENGL 301	Advanced Expository Writing for the Humanities	3	ENGL 386	Gender, Sexuality, and the South Asian Diaspora	3
ENGL 306	Playwriting	3	ENGL 387	Canadian Literature	3
ENGL 307	Studies in Fiction and Poetry: Stylistics	3	ENGL 388	Modernism: Movements and Moments	3
ENGL 310	Fairy Tales	3	ENGL 390	Studies in Literary Topics	3
ENGL 311	The Art of the Book: Artists' Books, Zines, and the Bibliographic Imaginary in the Digital Age <sup>H</sup>	3	ENGL 406	Advanced Fiction Writing	3
ENGL 317	Networked Composition	3	ENGL 407	Advanced Poetry Writing	3
ENGL 318	Multimedia Composition <sup>H</sup>	3	ENGL 430	Renaissance Literature--Contemporary Issues	3
ENGL 319	Introduction to Medieval English Literature, excluding Chaucer <sup>H</sup>	3	ENGL 436	Contemporary Approaches to 18th-Century Literature and Culture <sup>H</sup>	3
ENGL 320	Chaucer <sup>H</sup>	3	ENGL 437	Chief British Romantic Writers <sup>H</sup>	3
ENGL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3	ENGL 439	English Literature, 1832-1890 <sup>H</sup>	3
ENGL 325	Shakespeare and His Contemporaries <sup>H</sup>	3	ENGL 441	Romantic Literature--Contemporary Issues <sup>H</sup>	3
ENGL 326	Renaissance Genres	3	ENGL 442	Victorian Literature--Contemporary Issues	3
ENGL 327	Renaissance Literature and Its Intellectual Contexts	3	ENGL 443	American Literature before 1860--Contemporary Issues <sup>H</sup>	3
ENGL 330	Perspectives on the Renaissance	3	ENGL 444	American Literature, 1860-1900--Contemporary Issues <sup>H</sup>	3
ENGL 331	18th-Century Literature <sup>H</sup>	3	ENGL 445	American Literature, 1900-2000--Contemporary Issues <sup>H</sup>	3
ENGL 332	18th-Century Drama <sup>H</sup>	3	ENGL 446	American Women Authors <sup>H</sup>	3
ENGL 333	18th-Century Fiction <sup>H</sup>	3	ENGL 447	Memory and Literature	3
ENGL 337	The Romantic Revolution in the Arts <sup>H</sup>	3	ENGL 462	Contemporary Poetry and Theory <sup>H</sup>	3
ENGL 338	19th-Century British Novel <sup>H</sup>	3	ENGL 463	Postcolonial Literature <sup>H</sup>	3
ENGL 340	Studies in Jane Austen	3	ENGL 465	Difference, Aesthetics, and Affect <sup>H</sup>	3
ENGL 343	American Literature before 1860 <sup>H</sup>	3	ENGL 466	Literary Theory--Contemporary Issues <sup>H</sup>	3
ENGL 344	American Literature, 1860-1900 <sup>H</sup>	3	ENGL 467	Educating Latinas/os: Preparing SLI Mentors	3

ENGL 472	African American Literature--Contemporary Issues H	3	GERM 310	Höfische Kultur/Courtly Culture	3
ENGL 475	Southern Literature--Contemporary Issues	3	GERM 325	Fools and Laughter in Early Modern German Literature	3
ENGL 480	Digital Humanities History and Methods	3	GERM 330	The Age of Goethe	3
ENGL 489	Cultural Studies--Contemporary Issues <sup>H</sup>	3	GERM 349	Vienna-Munich-Berlin: Revolutions in German Art c. 1900	3
ENGL 490	Creative Writing: Special Topics	3	GERM 350	Modern German Literature	3
ENGL 564	Interdisciplinary Approaches to Literature	3	GERM 371	The German Novella	3
ENGL 619	Survey of Old and Middle English Literature	3	GERM 372	German Drama	3
ENGL 620	Introduction to Old English Language and Literature	3	GERM 379	German-Language Swiss Literature and Culture	3
ENGL 621	Arthurian Romance	3	GERM 380	Austrian Literature	3
ENGL 630	Shakespeare and His Contemporaries	3	GERM 381	Berlin: Mapping a (Post) Modern Metropolis	3
ENGL 638	19th-Century Women Writers	3	GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
ENGL 659	War in 20th-Century Literature <sup>H</sup>	3	GERM 385	Schein/Sein: Turkish German Culture, 1964 to Today	3
ENGL 662	History of Literary Criticism	3	GERM 386	Germany Goes East: Contemporary German Literature by Eastern European Immigrants	3
ENGL 670	Being and Race in African American Literature	3	GERM 390	Topics in German Studies	3
ENGL 674	Digital Literature	3	GERM 450	Nietzsche, Hesse, and Mann	3
ENGL 675	Digital Teaching	3	GREK 221	Advanced Greek I	3
ENGL 676	Digital Editing and Curation	3	GREK 222	Advanced Greek II	3
ENGL 685	Literature of the Americas	3	GREK 351	Classical Greek Prose	3
ENGL 695	Research Seminar	3	GREK 352	Greek Poetry	3
EURO 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	GSLL 50	First-Year Seminar: Literary Fantasy and Historical Reality	3
FOLK 310	Fairy Tales	3	GSLL 54	First-Year Seminar: Once upon a Fairy Tale: Fairy Tales and Childhood, Then and Now	3
FOLK 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3	GSLL 65	First-Year Seminar: German Heroes? Knights, Tricksters, and Magicians	3
FREN 250	Language through Culture and Literature	3	GSLL 70	First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures	3
FREN 260	Literature and the French-Speaking World <sup>H</sup>	3	GSLL 75	First-Year Seminar: The Book of Books: Literature and the Bible	3
FREN 280	French "Discoveries" of the Americas in Translation	3	GSLL 80	Not Just Dogs: Animals in Russian Literature	3
FREN 286	Food for Thought: The Culture of Cuisine in Modern France	3	GSLL 81	First-Year Seminar: Metaphor and the Body	3
FREN 330	French Civilization I	3	GSLL 82	First-Year Seminar: Doctor Stories	3
FREN 331	French Civilization II	3	GSLL 84	First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
FREN 370	Survey of French Literature I	3	GSLL 85	First-Year Seminar: Children and War	3
FREN 371	Survey of French Literature II	3	GSLL 87	First-Year Seminar: Literature Confronting Totalitarianism	3
FREN 372	Survey of French Literature III	3	GSLL 88H	First-Year Seminar: Gender and Fiction in Central and Eastern Europe	3
FREN 374	Survey of French Literature IV	3	GSLL 212	"Game of Thrones" and the Worlds of the European Middle Ages	3
FREN 376	Identity and Nationhood in Québécois Literature	3	GSLL 225	Popular and Pious: Early Modern Jewish Literature	3
FREN 383	Franco-Asian Encounters	3	GSLL 252	South Africa in Literary Perspective	3
FREN 387	Paris/Versailles: The Court and the City in the 17th Century	3	GSLL 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
FREN 554	Writing the Mediterranean	3	GSLL 277	The Moon in Song, Story, and Science: Mentored Research Projects in Cultural History	3
FREN 563	Studies in the Anglo-French Renaissance	3	GSLL 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
GERM 211	Concepts in Medieval Culture	3			
GERM 220	Women in the Middle Ages	3			
GERM 249	German Literature in Translation	3			
GERM 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3			
GERM 284	Translations and Adaptations of German Pop Literature	3			
GERM 285	Contemporary German Literature in Translation	3			
GERM 290	Topics in German Studies	3			
GERM 303	Introduction to German Literature	3			



GSLL 475	Magical Realism: Central European Literature in a Global Context	3	MUSC 57	First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism	3
HNUR 305	Advanced Hindi-Urdu I	3	MUSC 60H	First-Year Seminar: American Literature and Its Music	3
HNUR 306	Advanced Hindi-Urdu II	3	PLSH 411	19th-Century Polish Literature and Culture	3
HNUR 410	Seminar on the Urdu-Hindi Ghazal	3	PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
HNUR 592	Religious Conflict and Literature in India	3	PORT 370	Modern Brazil through Literature and Film in Translation	3
HUNG 411	Introduction to Hungarian Literature	3	PORT 375	Portuguese and Brazilian Fiction in Translation	3
ITAL 240	Dante in English Translation	3	PORT 382	Women Writers: Brazil and Beyond	3
ITAL 241	Italian Renaissance Literature in Translation	3	PORT 385	Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	3
ITAL 242	Modern Italian Literature in Translation	3	PORT 387	Brazilian Religious Movements through Film and Literature	3
ITAL 250	Italian Fascism: Between History, Fiction, and Film	3	PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ITAL 340	Italian America in Literature and Film	3	PWAD 452	Imagining Palestine	3
ITAL 345	Italian Women Writers	3	PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
ITAL 346	Women Writers in Early Modern Italy	3	PWAD 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3
ITAL 370	Survey of Italian Literature I	3	PWAD 489	Empire and Diplomacy	3
ITAL 371	Survey of Italian Literature II	3	PWAD 659	War in 20th-Century Literature <sup>H</sup>	3
ITAL 382	The Modern Italian Novel	3	RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
JAPN 160	Introduction to Japanese Literature in Translation	3	RELI 78	First-Year Seminar: Reading the Bible: Now and Then	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3	RELI 88	First-Year Seminar: Religion and Society in Historical Novels	3
JAPN 384	Women Writers in Japanese Society	3	RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
JAPN 409	Japanese Modernism	3	RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
JAPN 417	Japanese Culture through Film and Literature	3	RELI 240	Religion, Literature, and the Arts in America <sup>H</sup>	3
JWST 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
JWST 225	Popular and Pious: Early Modern Jewish Literature	3	RELI 382	The Story of Rama in Indian Culture—Experiential	3
JWST 289	Jewish American Literature and Culture of the 20th Century	3	RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
JWST 360	The Jewish Writer in American Life	3	RELI 385	Modern Muslims and the Qur'an	3
JWST 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3	RELI 480	Modern Muslim Literatures	3
JWST 464	Imagined Jews: Jewish Themes in Polish and Russian Literature	3	RELI 489	Animals in Japanese Religion	3
JWST 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3	RELI 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3
JWST 469	Coming to America: The Slavic Immigrant Experience in Literature	3	RELI 584	The Qur'an as Literature	3
JWST 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	RELI 592	Religious Conflict and Literature in India	3
LATN 221	Vergil	3	RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
LATN 222	Cicero: The Man and His Times	3	ROML 54	First-Year Seminar: Issues in Francophone Literature	3
LATN 223	Ovid	3	ROML 55	First-Year Seminar: Writing with an Accent: Latino Literature and Culture <sup>H</sup>	3
LATN 332	Roman Comedy	3	ROML 56	First-Year Seminar: Italians in Search of Harmony	3
LATN 333	Lyric Poetry	3	ROML 58	First-Year Seminar: Mexican Women across Borders and Genres	3
LATN 334	Augustan Poetry	3	RUSS 270	Crimes and Punishments: Russian Literature of the 19th Century	3
LATN 335	Roman Elegy	3			
LATN 351	Lucretius	3			
LATN 352	Petronius and the Age of Nero	3			
LATN 353	Satire (Horace and Juvenal)	3			
LATN 354	Tacitus and Pliny's Letters	3			
MUSC 52	First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949	3			
MUSC 55H	First-Year Seminar: A Love Affair in Renaissance Drama and Music	3			

RUSS 274	Russian Literature from the Revolution to Today	3	WGST 64	Plantation Lullabies: Literature by and about African American Women	3
RUSS 275	Russian Fairy Tale	3	WGST 66	First-Year Seminar: Growing Up Girl, Globally	3
RUSS 276	Mystery and Suspense in Russian Literature	3	WGST 127	Iranian Women Writers	3
RUSS 277	Love, Sex, and Marriage in Soviet Culture	3	WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
RUSS 278	Russian and Soviet Science Fiction	3	WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
RUSS 282	Russian Literature in World Cinema	3	WGST 220	Women in the Middle Ages	3
RUSS 415	Introduction to Russian Literature	3	WGST 233	Introduction to Latina Literature	3
RUSS 445	19th Century Russian Literature and Culture	3	WGST 240	Women in Greek Art and Literature <sup>H</sup>	3
RUSS 450	The Russian Absurd: Text, Stage, Screen	3	WGST 241	Women in Ancient Rome <sup>H</sup>	3
RUSS 455	20th-Century Russian Literature and Culture	3	WGST 263	Literature and Gender <sup>H</sup>	3
RUSS 460	Russian Short Story	3	WGST 329	Middle East Women Writers	3
RUSS 463	Russian Drama: From Classicism to Modernism	3	WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3
RUSS 464	Dostoevsky	3	WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
RUSS 465	Chekhov	3	WGST 361	Asian American Women's Writing	3
RUSS 469	Bulgakov	3	WGST 363	Feminist Literary Theory <sup>H</sup>	3
RUSS 471	Gogol	3	WGST 373	Modern Women Writers	3
RUSS 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3	WGST 374	Southern Women Writers	3
RUSS 477	Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3	WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3
RUSS 479	Tolstoy	3	WGST 384	Women Writers in Japanese Society	3
RUSS 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	WGST 446	American Women Authors <sup>H</sup>	3
RUSS 513	Russian Culture in Transition I	3	WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3
RUSS 514	Russian Culture in Transition II	3	WGST 471	Gender and Sexuality in Middle Eastern Literature	3
SLAV 86	First-Year Seminar: Literature and Madness	3	WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
SLAV 248	Childhood and Adolescence in Slavic Literature <sup>H</sup>	3			
SLAV 250	Introduction to Non-Russian Slavic/East European Culture	3			
SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature	3			
SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature	3			
SLAV 470	20th-Century Russian and Polish Theater	3			
SPAN 252	Argentine Jewish Culture	3			
SPAN 270	Contemporary Spanish American Prose Fiction in Translation	3			
SPAN 280	Cervantes in English Translation	3			
SPAN 301	Introduction to Literary and Cultural Analysis	3			
SPAN 302	Literary and Cultural Analysis for Heritage Learners	3			
SPAN 371	Studies in Spanish Literature	3			
SPAN 373	Studies in Latin American Literature	3			
SPAN 374	Mesoamerica through Its Native Literatures	3			
SPAN 379	Aesthetics of Violence in Latina/o American Fiction	3			
SPAN 386	Literature and Politics in Central America	3			
SPAN 387	Eroticism in Contemporary Latin American Literature	3			
SPAN 388	Narratives of the Mexican Revolution	3			
SPAN 625	Indigenous Literatures and Cultures of the Américas	3			
WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Visual and Performing Arts (VP)

Code	Title	Hours
AAAD 51	First-Year Seminar: Masquerades of Blackness	3
AAAD 53	First-Year Seminar: Experimentalism in Global Black Music and Performance Arts	3
AAAD 202	African Film and Performance	3
AAAD 211	African Art and Culture	3
AAAD 237	African American Art Survey	3
AAAD 250	The African American in Motion Pictures: 1900 to the Present	3
AAAD 259	Black Influences on Popular Culture	3
AAAD 261	Afro-Cuban Dance: History, Theory, and Practice	3
AAAD 303	Islamic Cultures in Contemporary Africa	3
AAAD 318	Politics of Art in Africa	3
AAAD 319	Africa and Masks	3
AAAD 320	Music of Africa	3
AAAD 330	20th-Century African American Art	3
AAAD 340	Diaspora Art and Cultural Politics	3

AAAD 356	The History of Hip-Hop Culture	3	ARTH 112	The Art of Animals: Africa and Beyond	3
AAAD 449	Black Women in Cinema: From the Early 1900s to the Present	3	ARTH 113	Art and Sports in the Americas	3
AAAD 486	Africa in the American Imagination <sup>H</sup>	3	ARTH 150	World Art <sup>H</sup>	3
AMST 59	First-Year Seminar: American Indian Art in the 20th Century	3	ARTH 151	History of Western Art I <sup>H</sup>	3
AMST 268	American Cinema and American Culture	3	ARTH 152	History of Western Art II <sup>H</sup>	3
AMST 284	Visual Culture	3	ARTH 153	Introduction to South Asian Art	3
AMST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	ARTH 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3
AMST 336	Native Americans in Film	3	ARTH 155	African Art Survey	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3	ARTH 156	Introduction to Architecture <sup>H</sup>	3
AMST 371	LGBTQ Film and Fiction from 1950 to the Present	3	ARTH 157	Introduction to Latin American Visual Culture	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3	ARTH 158	Introduction to East Asian Art and Architecture	3
AMST 483	Seeing the USA: Visual Arts and American Culture	3	ARTH 159	The Film Experience: Introduction to the Visual Study of Film	3
AMST 485	Folk, Self-Taught, Vernacular, and Outsider Arts	3	ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
AMST 487	Early American Architecture and Material Life	3	ARTH 161	Introduction to American Art	3
AMST 488	No Place like Home: Material Culture of the American South	3	ARTH 200	Art and Fashion from Rome to Timbuktu	3
AMST 489	Writing Material Culture	3	ARTH 201	Making Material Histories: A Makerspace Course	3
AMST 498	Advanced Seminar in American Studies	3	ARTH 251	Art in the Age of the Caliphs	3
ANTH 77	First-Year Seminar: Windows of Mystery and Wonder: Exploring Self-Taught Art	3	ARTH 254	Women in the Visual Arts I	3
ANTH 123	Habitat and Humanity	3	ARTH 255	African Art and Culture	3
ANTH 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3	ARTH 258	Chinese Art and Culture: from Han to Tang	3
ANTH 343	Africa and Masks	3	ARTH 262	Art of Classical Greece	3
ANTH 356	Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>H</sup>	3	ARTH 263	Roman Art	3
ANTH 477	Visual Anthropology	3	ARTH 264	Medieval Art in Western Europe	3
ANTH 586	The Gardens, Shrines, and Temples of Japan	3	ARTH 266	Arts of Early & Medieval Asia	3
ARAB 337	Borders and Walls in the Arab World	3	ARTH 268	Hellenistic Art and Archaeology (350-31 BCE)	3
ARAB 338	Borders and Walls in the Arab World - Experiential	3	ARTH 269	Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	3
ARAB 453	Film, Nation, and Identity in the Arab World	3	ARTH 270	Early Renaissance Art in Italy	3
ARTH 51	First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	3	ARTH 271	High Renaissance Art in Italy	3
ARTH 53	First-Year Seminar: Art and the Body	3	ARTH 273	Arts Under the Mughal Dynasty in India	3
ARTH 54	First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3	ARTH 274	European Baroque Art	3
ARTH 55	First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>	3	ARTH 275	18th-Century Art	3
ARTH 56	First-Year Seminar: Lives of East Asian Artworks at the Ackland Art Museum <sup>H</sup>	3	ARTH 277	Art and Architecture of Viceregal Latin America	3
ARTH 61	First-Year Seminar: African American Art of the Carolinas	3	ARTH 279	The Arts in England, 1450-1650	3
ARTH 64	First-Year Seminar: Picturing Nature	3	ARTH 280	Picture That: History of Photography from Tintypes to Instagram	3
ARTH 66	First-Year Seminar: Art, Money, and the Market	3	ARTH 281	Art of Exchange and Exploration: Early America and the Globe	3
ARTH 77	First-Year Seminar: Seeing the Past	3	ARTH 282	Modernism I: Realism, Impressionism, Post-Impressionism	3
ARTH 79	First-Year Seminar: Meaning and the Visual Arts <sup>H</sup>	3	ARTH 283	Picturing Paris: 1800-2000	3
ARTH 84	First-Year Seminar: Society of the Spectacle: Impressionism and Post-Impressionism	3	ARTH 284	Modernism II: 1905-1960	3
ARTH 85	First-Year Seminar: Art and Technology	3	ARTH 285	Art Since 1960	3
ARTH 111	Art and Death	3	ARTH 287	African American Art Survey	3
			ARTH 288	19th-Century American Art	3
			ARTH 289	Art in the United States, 1890-1945: American Modernisms	3
			ARTH 291	Art, Culture, and Power in Africa	3
			ARTH 293	Art History Practicum	3
			ARTH 294	Arts of Southern Africa	3

ARTH 297	Clothing and Textiles in Africa	3	ARTS 78	First-Year Seminar: The Visual Culture of Photography	3
ARTH 298	Chinese Ceramics: A Material and Visual History	3	ARTS 82	First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language	3
ARTH 299	Arts of West Africa	3	ARTS 102	Two-Dimensional Design	3
ARTH 302	Fashioning Identities	3	ARTS 103	Sculpture I	3
ARTH 303	Art and Colonialism: France in Africa/Africa in France	3	ARTS 104	Drawing I	3
ARTH 304	Islam and African Art	3	ARTS 105	Photography I <sup>H</sup>	3
ARTH 351	Crusader Art	3	ARTS 106	Video I	3
ARTH 352	Religious Architecture and Visual Culture in Latin America	3	ARTS 116	Introduction to Web Media	3
ARTH 353	Africa and Masks	3	ARTS 132	Collage: Strategies for Thinking and Making	3
ARTH 360	The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times	3	ARTS 202	Painting I	3
ARTH 361	Saints in Medieval Art	3	ARTS 205	Photography II	3
ARTH 362	Early Christian Art and Modern Responses	3	ARTS 206	Video II	3
ARTH 363	Envisioning Buddhism in Medieval China	3	ARTS 208	Print I	3
ARTH 365	Late Medieval Art	3	ARTS 209	2D Animation	3
ARTH 368	The Renaissance Portrait	3	ARTS 213	Ceramic I	3
ARTH 369	European Art and Sexuality	3	ARTS 214	Life Drawing	3
ARTH 370	Visual Art in the Age of Revolution	3	ARTS 221	Color: Theory and Concept	3
ARTH 383	Modern Architecture	3	ARTS 222	New Technologies and Narrative Painting	3
ARTH 385	Pop Art and Its Legacy	3	ARTS 233	Wood Sculpture	3
ARTH 387	20th-Century African American Art	3	ARTS 238	Screen Printing	3
ARTH 391	Undergraduate Research Seminar	3	ARTS 243	Metal Sculpture	3
ARTH 400	German and Netherlandish Renaissance	3	ARTS 303	Sculpture II	3
ARTH 445	The Mexican Mural Renaissance, 1921-1945	3	ARTS 305	Darkroom Photography	3
ARTH 450	The City as Monument <sup>H</sup>	3	ARTS 313	Ceramic II	3
ARTH 452	Brazilian Modernism	3	ARTS 322	Narrative Painting	3
ARTH 453	Africa in the American Imagination <sup>H</sup>	3	ARTS 324	Drawing II	3
ARTH 454	Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca.1130-1500	3	ARTS 337	The Aesthetics of Junk	3
ARTH 455	City, Architecture, Art: Nuremberg as a European Artistic Center,1300-1600	3	ARTS 343	MAKE: Art in the (New) Age	3
ARTH 465	Architecture of Etruria and Rome	3	ARTS 348	Lithography	3
ARTH 468	Visual Arts and Culture in Modern and Contemporary China	3	ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTH 470	The Moving Image in the Middle Ages	3	ARTS 355	The Practice of Representation: Portraiture in Photography	3
ARTH 473	Early Modern and Modern Decorative Arts	3	ARTS 358	Letterpress	3
ARTH 474	Roman Sculpture	3	ARTS 364	The Walking Seminar: A Territorial Investigation	3
ARTH 475	Icons and Idols: Debates in Medieval Art	3	ARTS 368	Print II	3
ARTH 476	Roman Painting	3	ARTS 391	Theory, History, and Practice of Contemporary Curating	3
ARTH 483	Art, Politics, and Society in France, 1850-1914	3	ARTS 409	Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTH 485	Art of the Harlem Renaissance	3	ARTS 428	Book Art	3
ARTH 551	Introduction to Museum Studies	3	ARTS 458	Photo Printmaking	3
ARTH 556	Visual Cultures of the American City, 1750-1950	3	ARTS 499	Senior Projects	3
ARTH 557	Art and Money	3	ARTS 500	Senior Seminar	3
ARTH 588	Current Issues in Art	3	ARTS 637	Social Practice and Performance Art	3
ARTH 595	Experience in Research	1-3	ASIA 54	First-Year Seminar: The American Life of Japanese Women	3
ARTS 50	First-Year Seminar: The Artistic Temperament <sup>H</sup>	3	ASIA 57	First-Year Seminar: Dis-Orienting the Orient	3
ARTS 59	First-Year Seminar: Time, A Doorway to Visual Expression	3	ASIA 58	First-Year Seminar: Chasing Madame Butterfly <sup>H</sup>	3
ARTS 75	First-Year Seminar: Stories in Sight: The Narrative Image	3	ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3



ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	3	CMPL 143	History of Global Cinema	3
ASIA 64	First-Year Seminar: Arab World Photography	3	CMPL 144	Film and Media Culture	3
ASIA 67	First-Year Seminar: Japanese Fashion: History and Culture <sup>H</sup>	3	CMPL 150	Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	3
ASIA 122	Introduction to Iranian Culture	3	CMPL 212	The Cinematic City	3
ASIA 153	Introduction to South Asian Art	3	CMPL 227	Global Authors: The Middle Ages in World Cinema	3
ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3	CMPL 240	Introduction to Film Theory	3
ASIA 158	Introduction to East Asian Art and Architecture	3	CMPL 252	Popular Culture in Modern Southeast Asia	3
ASIA 164	Music of South Asia	3	CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	3
ASIA 231	Bollywood Cinema	3	CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3
ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	CMPL 257	The Crisis of Modernity in World Cinema	3
ASIA 242	Asian Fine Arts/Study Abroad Program	3-6	CMPL 260	Landscape in Literature and the Arts: Re-Imagining the Natural World	3
ASIA 251	Art in the Age of the Caliphs	3	CMPL 262	Film and Politics	3
ASIA 252	Popular Culture in Modern Southeast Asia	3	CMPL 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
ASIA 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3	CMPL 280	Film Genres	3
ASIA 266	Arts of Early & Medieval Asia	3	CMPL 281	Holocaust Cinema in Eastern Europe	3
ASIA 273	Arts Under the Mughal Dynasty in India	3	CMPL 332H	Cultural Diversity in Francophone Cinema	3
ASIA 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3	CMPL 375	New Wave Cinema: Its Sources and Its Legacies	3
ASIA 386	Dance and Embodied Knowledge in the Indian Context	3	CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
ASIA 435	The Cinemas of the Middle East and North Africa	3	CMPL 382	Film and Nature	3
ASIA 468	Visual Arts and Culture in Modern and Contemporary China	3	CMPL 420	Film, Photography, and the Digital Image	3
ASIA 586	The Gardens, Shrines, and Temples of Japan	3	CMPL 463	Cinema and Surrealism	3
CHIN 242	Chinese Qin Music	3	CMPL 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3	CMPL 494	Cinematic Uses of the Essay Form	3
CHIN 354	Chinese Culture through Calligraphy	3	COMM 61	First-Year Seminar: The Politics of Performance	3
CHIN 361	Chinese Traditional Theater	3	COMM 62	First-Year Seminar: African American Literature and Performance	3
CHIN 367	Illustration and the Animation of Text	3	COMM 63	First-Year Seminar: The Creative Process in Performance	3
CHIN 531	The Chinese Zither in Poetry and Painting	3	COMM 130	Introduction to Media Production	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3	COMM 131	Writing for the Screen and Stage	3
CLAR 50	First-Year Seminar: Art in the Ancient City <sup>H</sup>	3	COMM 150	Introduction to New Media	3
CLAR 200	Art and Fashion from Rome to Timbuktu	3	COMM 251	Introduction to American Film and Culture, 1965-Present	3
CLAR 246	History of Early Christian and Byzantine Art	3	COMM 262	Introduction to the Performance of Culture <sup>H</sup>	3
CLAR 247	Roman Archaeology	3	COMM 345	Women in Film	3
CLAR 262	Art of Classical Greece	3	COMM 364	Production Practices	3
CLAR 263	Roman Art	3	COMM 365	The Constructed Actor: Masks and Objects in Performance	3
CLAR 268	Hellenistic Art and Archaeology (350-31 BCE)	3	COMM 386	Dance and Embodied Knowledge in the Indian Context	3
CLAR 465	Architecture of Etruria and Rome	3	COMM 437	United States Black Culture and Performance	3
CLAR 474	Roman Sculpture	3	COMM 452	Film Noir	3
CLAR 476	Roman Painting	3	COMM 463	Creating the Solo Performance	3
CLAR 512	Ancient Synagogues	3	COMM 464	Collaborative Performance <sup>H</sup>	3
CLAR 561	Mosaics: The Art of Mosaic in Greece, Rome, and Byzantium	3	COMM 637	Social Practice and Performance Art	3
CLAS 64	First-Year Seminar: Cinema and the Ancient World	3	COMM 638	Game Design	3
CLAS 231	The Theater in the Greek and Roman World	3	COMM 647	Advanced Projects in Media Production	3
CMPL 55	First-Year Seminar: Comics as Literature	3	COMM 653	Experimental Video	3
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	3			
CMPL 142	Visual Culture II	3			

COMM 662	Black/African Diaspora Performance	3	ENGL 380	Film History <sup>H</sup>	3
COMM 664	Paranoia in Performance	3	ENGL 381	Literature and Cinema	3
COMM 666	Media in Performance	3	ENGL 389	Major Film Directors	3
COMM 676	Digital Media and Live Performance	3	ENGL 408	Collaboration: Composers and Lyricists	3
DRAM 79	First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration	3	ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	3
DRAM 80	First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down <sup>H</sup>	3	ENGL 410	Documentary Film <sup>H</sup>	3
DRAM 81	First-Year Seminar: Staging America: The American Drama <sup>H</sup>	3	ENGL 580	Film–Contemporary Issues <sup>H</sup>	3
DRAM 83	First-Year Seminar: Spectacle in the Theatre	3	ENGL 583	Drama on Location <sup>H</sup>	3
DRAM 84	First-Year Seminar: The Inherent Qualities of Theatrical Space	3	ENGL 665	Queer Latina/o Literature, Performance, and Visual Art	3
DRAM 85	First-Year Seminar: Documentary Theatre <sup>H</sup>	3	ENGL 666	Queer Latina/o Photography and Literature	3
DRAM 86	First-Year Seminar: Rediscovering the Mind-Body Connection	3	ENGL 680	Film Theory	3
DRAM 87	First-Year Seminar: Style: A Mode of Expression <sup>H</sup>	3	EURO 332H	Cultural Diversity in Francophone Cinema	3
DRAM 88	First-Year Seminar: Ecology and Performance	3	EXSS 191	Theory and Practice of Modern Dance Technique - Elementary-Level Elective	3
DRAM 116	Perspectives in the Theatre <sup>H</sup>	3	FOLK 77	First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme <sup>H</sup>	3
DRAM 120	Play Analysis <sup>H</sup>	3	FOLK 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3
DRAM 131	Writing for the Screen and Stage	3	FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
DRAM 192	Technical Methods: Costume	3	FOLK 481	The Changing Lives of Jewish Objects	3
DRAM 231	Playwriting I	3	FOLK 488	No Place like Home: Material Culture of the American South	3
DRAM 260	Advanced Stagecraft	3	FOLK 505	Traditions in Transition: Jewish Folklore and Ethnography	3
DRAM 265	Stage Makeup	3	FOLK 550	Introduction to Material Culture	3
DRAM 277	Introduction to Theatrical Design	3	FOLK 587	Folklore in the South	3
DRAM 281	Theatre History and Literature I	3	FREN 315	Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
DRAM 283	Theatre History and Literature III	3	FREN 332H	Cultural Diversity in Francophone Cinema	3
DRAM 287	African American Theatre	3	FREN 373	French New Wave Cinema	3
DRAM 291	Re-Playing Shakespeare in East Asia	3	FREN 388	History of French Cinema I: 1895-1950	3
DRAM 292	Corner of the Sky": The American Musical	3	FREN 389	History of French Cinema II: 1950 to the Present	3
DRAM 294	Arts Criticism	3	FREN 505	African Francophone Cinema	3
DRAM 331	Playwriting II	3	FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts	3
DRAM 466	Scene Design	3	GERM 210	Getting Medieval: Knights, Violence, and Romance	3
DRAM 467	Costume Design I	3	GERM 250	Women in German Cinema	3
DRAM 468	Lighting Design I	3	GERM 265	Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
DRAM 480	Period Styles for Production	3	GERM 266	Weimar Cinema	3
DRAM 486	Latin American Theatre	3	GERM 267	Contemporary German and Austrian Cinema	3
DRAM 488	United States Latino/a Theatre	3	GERM 268	Auteur Cinema	3
DRAM 489	Carnivals and Festivals of the African Diaspora	3	GERM 275	History of German Cinema	3
DRAM 666	Media in Performance	3	GERM 367	Contemporary German and Austrian Cinema	3
ENGL 50	First-Year Seminar: Multimedia North Carolina	3	GERM 373	Denk ich an Deutschland. . .": German Lyrical Poetry through the Centuries	3
ENGL 58	First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction <sup>H</sup>	3	GERM 374	German Theater: Words Speak as Loudly as Actions	3
ENGL 87	First-Year Seminar: Jane Austen, Then and Now <sup>H</sup>	3	GERM 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
ENGL 142	Film Analysis <sup>H</sup>	3	GLBL 492H	Global Food Films	3
ENGL 143	Film and Culture	3			
ENGL 251	Film Performance and Stardom	3			
ENGL 255	Introduction to Media Studies	3			
ENGL 309	Theatrical Writing for the Puppet Stage	3			
ENGL 323	American Cinema of the 1970s: New Hollywood and Beyond	3			
ENGL 324	Creating the Video Essay	3			

GSLL 60	First-Year Seminar: Avant-Garde Cinema: History, Themes, Textures	3	MUSC 223	Piano Literature	3
GSLL 63	First-Year Seminar: Performing America	3	MUSC 232	Theory III <sup>H</sup>	3
GSLL 69	First-Year Seminar: Laughing and Crying at the Movies: Film and Experience	3	MUSC 251	Studies in Medieval and Early Modern Music	3
GSLL 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3	MUSC 280	Jazz Innovators	3
GSLL 278	Music, Image, Text	3	MUSC 281	Popular Song in American Culture	3
GSLL 281	Holocaust Cinema in Eastern Europe	3	MUSC 282	Bach and Handel	3
GSLL 283	Hungarian Cinema since World War II	3	MUSC 283	Haydn and Mozart	3
HIST 468	Art, Politics, and Society in France, 1850-1914	3	MUSC 284	Beethoven and His Era	3
ITAL 333	Italian Film and Culture	3	MUSC 285	Musical Modernism	3
ITAL 335	Themes in Italian Film	3	MUSC 286	Music as Culture <sup>H</sup>	3
ITAL 337	Cinema for Italian Conversation	3	MUSC 287	Opera as Drama <sup>H</sup>	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3	MUSC 288	The Orchestra and Its Music	3
JAPN 162	Japanese Popular Culture	3	MUSC 289	Sounds of War and Revolution	3
JAPN 261	Japanese Theater	3	MUSC 291	Music and Politics	3
JAPN 412	Making Music in Japan	3	MUSC 292	Media and Social Change in Africa	3
JAPN 413	Fashioning Japan: Gender, Nation, and Dress	3	MUSC 294	Bluegrass Music, Culture, and History	3
JAPN 414	Manga as a Japanese Art and Culture	3	MUSC 381	Inside the Song: Analysis of Songcraft	3
JAPN 521	Investigating Japanese Culture through TV Dramas	3	MUSC 390	Seminar in Music <sup>H</sup>	3
JWST 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	MUSC 676	Digital Media and Live Performance	3
JWST 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3	PLSH 280	The Modern Cinema of Poland	3
JWST 481	The Changing Lives of Jewish Objects	3	PORT 316	Brazilian Performance in Music and Dance: Capoeira	3
JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3	PORT 388	Portuguese, Brazilian, and African Identity in Film	3
JWST 512	Ancient Synagogues	3	PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
MUSC 54	First-Year Seminar: Music and Magic	3	PWAD 289	Sounds of War and Revolution	3
MUSC 63	First-Year Seminar: Music on Stage and Screen <sup>H</sup>	3	PWAD 435	The Cinemas of the Middle East and North Africa	3
MUSC 64	First-Year Seminar: What is a Work of Art? Listening to Music	3	RELI 235	Place, Space, and Religion	3
MUSC 65	First-Year Seminar: Music and Culture: Understanding the World through Music	3	RELI 236	Religious Things	3
MUSC 66	First-Year Seminar: A Course in Digital Humanities and Multimedia <sup>H</sup>	3	RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
MUSC 121	Fundamentals of Music I	3	RELI 386	Dance and Embodied Knowledge in the Indian Context	3
MUSC 131	Theory I <sup>H</sup>	3	RELI 512	Ancient Synagogues	3
MUSC 132	Theory II <sup>H</sup>	3	ROML 660	Film and Culture in Brazil and Spanish America	3
MUSC 141	Survey of Western Music History	3	ROML 665	Reading Latin American Film and Photography	3
MUSC 142	Great Musical Works	3	RUSS 273	Russian Culture and Society: 1890-1917	3
MUSC 143	Introduction to Rock Music	3	RUSS 280	Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds	3
MUSC 144	Introduction to Country Music	3	SPAN 253	Argentine Jewish Film	3
MUSC 145	Introduction to Jazz	3	SPAN 361	Hispanic Film	3
MUSC 146	Introduction to World Musics	3	SPAN 661	Film Studies: Iberia and the Americas	3
MUSC 147	Introduction to the Music of the Americas	3	WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3
MUSC 148	Introduction to Black Music	3	WGST 188	Introduction to Women and Music	3
MUSC 155	The Art and Culture of the DJ	3	WGST 230	Women in Contemporary Art: A Field Study	3
MUSC 156	Beat Making Lab	3	WGST 231	Gender and Popular Culture	3
MUSC 157	Rap Lab	3	WGST 232	Identity in Transit: Performing the Self through Photography	3
MUSC 158	Rock Lab	3	WGST 250	Women in German Cinema	3
MUSC 164	Music of South Asia	3	WGST 254	Women in the Visual Arts I	3
MUSC 188	Introduction to Women and Music	3	WGST 285	African American Women in the Media	3

WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
WGST 336	Digitizing the Body	3
WGST 345	Women in Film	3
WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
WGST 666	Queer Latina/o Photography and Literature	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Connections

The Making Connections curriculum builds on previously acquired knowledge and establishes links between discrete forms of knowledge, both by encouraging interdisciplinary contact and conversation and by inviting students to develop and apply their academic expertise in environments beyond the University classroom.

Because Connections courses may meet multiple requirements at once (including Approaches requirements, other Connections requirements, major and/or minor requirements, or the Supplemental General Education requirement), most students should be able to fulfill the eight Connections requirements without taking credit hours in addition to those needed to fulfill Foundations, Approaches, and major/minor requirements.

## Communication Intensive (CI), One Course

Communication intensive courses integrate written work, oral presentations, and processes of revision into the course subject matter in substantive and important ways. They build on and enhance skills acquired in English composition and rhetoric classes as well as foreign language classes by preparing students to write and speak effectively in disciplinary areas.

Code	Title	Hours
AAAD 319	Africa and Masks	3
AAAD 395	Undergraduate Research Seminar	3
AAAD 486	Africa in the American Imagination <sup>H</sup>	3
AERO 301	Contemporary Leadership and Management	3
AERO 302	Contemporary Leadership and Management	3
AERO 401	National Security Affairs and Preparation for Active Duty	3
AMST 51	First-Year Seminar: Navigating America	3
AMST 53	First-Year Seminar: The Family and Social Change in America <sup>H</sup>	3
AMST 55	First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3
AMST 59	First-Year Seminar: American Indian Art in the 20th Century	3
AMST 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
AMST 252	Muslim American Literatures and Cultures	3
AMST 257	Melville: Culture and Criticism	3
AMST 259	Tobacco and America	3
AMST 269	Mating and Marriage in American Culture	3
AMST 276	Food and American Studies: Cooking Up a Storm	3
AMST 278	Crimes and Punishments	3
AMST 283	American Home	3
AMST 285	Access to Work in America	3
AMST 338	Native American Novel	3
AMST 339	The Long 1960s in Native America	3
AMST 351	Global Waters, American Impacts, and Critical Connections	3
AMST 374	America's Threatened Languages	3
AMST 387	Race and Empire in 20th-Century American Intellectual History	3
AMST 394	The University in American Life: The University of North Carolina	3
AMST 398	Service Learning in America	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
AMST 460	Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment	3
AMST 475	Documenting Communities <sup>H</sup>	3
AMST 486	Shalom Y'all: The Jewish Experience in the American South	3
ANTH 59	First-Year Seminar: The Right to Childhood: Global Efforts and Challenges	3
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3
ANTH 278	Women in Science	3
ANTH 284	Culture and Consumption	3
ANTH 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 331	The Anthropology of Memory	3
ANTH 343	Africa and Masks	3
ANTH 413	Laboratory Methods: Archaeobotany	3
ANTH 439	Political Ecology	3
ANTH 447	The Anthropology of Work <sup>H</sup>	3
ANTH 463	Settler Colonialism	3
ANTH 484	Discourse and Dialogue in Ethnographic Research	3
ANTH 567	Urban Anthropology	3
ANTH 578	Chinese Diaspora in the Asia Pacific	3
ANTH 675	Ethnographic Method	3
ARAB 300	Arabic Grammar and Composition	3
ARAB 407	Readings in Arabic I	3
ARTH 61	First-Year Seminar: African American Art of the Carolinas	3
ARTH 64	First-Year Seminar: Picturing Nature	3
ARTH 80	First-Year Seminar: Islamic Art and Science	3
ARTH 254	Women in the Visual Arts I	3
ARTH 275	18th-Century Art	3
ARTH 280	Picture That: History of Photography from Tintypes to Instagram	3
ARTH 283	Picturing Paris: 1800-2000	3
ARTH 353	Africa and Masks	3
ARTH 453	Africa in the American Imagination <sup>H</sup>	3
ARTH 485	Art of the Harlem Renaissance	3
ARTH 555	Urban Africa and Global Mobility	3
ASIA 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	3



ASIA 58	First-Year Seminar: Chasing Madame Butterfly <sup>H</sup>	3	CMPL 260	Landscape in Literature and the Arts: Re-Imagining the Natural World	3
ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	3	CMPL 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
ASIA 67	First-Year Seminar: Japanese Fashion: History and Culture <sup>H</sup>	3	CMPL 359	Literary Diasporas of the Middle East	3
ASIA 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	CMPL 442	Postcolonial Literature of the Middle East	3
ASIA 106	Israeli Popular Culture: The Case of Music	3	CMPL 460	Transnational Romanticism: Romantic Movements in Europe and the Americas	3
ASIA 126	Introduction to Persian Literature	3	CMPL 478	The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights	3
ASIA 127	Iranian Women Writers	3	CMPL 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
ASIA 256	Love in Classical Persian Poetry	3	CMPL 500	Advanced Seminar	3
ASIA 258	Iranian Prison Literature	3	COMM 63	First-Year Seminar: The Creative Process in Performance	3
ASIA 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3	COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
ASIA 329	Middle East Women Writers	3	COMM 85	First-Year Seminar: Think, Speak, Argue	3
ASIA 330	Melancholy Japan: Myth, Memory, and Everyday Life	3	COMM 88	First-Year Seminar: Technologies of Popular Culture	3
ASIA 359	Literary Diasporas of the Middle East	3	COMM 113	Public Speaking	3
ASIA 431	Persian Sufi Literature	3	COMM 131	Writing for the Screen and Stage	3
ASIA 442	Postcolonial Literature of the Middle East	3	COMM 224	Introduction to Gender and Communication <sup>H</sup>	3
ASIA 471	Gender and Sexuality in Middle Eastern Literature	3	COMM 318	Cultural Diversity	3
ASIA 487	Mountains, Pilgrimage, and Sacred Places in Japan	3	COMM 333	Writing the Feature Film	3
ASIA 488	Shinto in Japanese History	3	COMM 334	Writing the One-Hour TV Drama	3
ASIA 578	Chinese Diaspora in the Asia Pacific	3	COMM 350	Practices of Cultural Studies	3
BIOL 81	First-Year Seminar: Intuition, Initiative and Industry: Biologists as Entrepreneurs	3	COMM 375	Environmental Advocacy	3
BIOL 101L	Introductory Biology Laboratory	1	COMM 432	Visual Culture	3
BIOL 102L	Introductory Biology Laboratory with Research	1	COMM 452	Film Noir	3
BIOL 524	Strategies of Host-Microbe Interactions	3	COMM 472	Rhetorical Criticism	3
BIOL 692H	Senior Honors Thesis in Biology	3	COMM 535	Introduction to Screen Adaptation	3
BMME 698	Biomedical Engineering Senior Design II	3	COMM 650	Cultural Politics of Global Media Culture	3
BUSI 401	Management and Corporate Communication	3	COMP 523	Software Engineering Laboratory	4
BUSI 463	Business and the Environment <sup>H</sup>	3	DRAM 79	First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration	3
CHEM 550L	Synthetic Chemistry Laboratory I	2	DRAM 80	First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down <sup>H</sup>	3
CHIN 441	Chinese-English Translation and Interpreting	3	DRAM 81	First-Year Seminar: Staging America: The American Drama <sup>H</sup>	3
CHIN 443	Business Communication in Chinese	3	DRAM 82	First-Year Seminar: All the World's a Stage: Drama as a Mirror of Society	3
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3	DRAM 84	First-Year Seminar: The Inherent Qualities of Theatrical Space	3
CLAR 51	First-Year Seminar: Who Owns the Past? <sup>H</sup>	3	DRAM 87	First-Year Seminar: Style: A Mode of Expression <sup>H</sup>	3
CLAS 51	First-Year Seminar: Greek Drama from Page to Stage	3	DRAM 120	Play Analysis <sup>H</sup>	3
CLAS 61	First-Year Seminar: Writing the Past	3	DRAM 131	Writing for the Screen and Stage	3
CLAS 62	First-Year Seminar: Barbarians in Greek and Roman Culture	3	DRAM 175	Building A Persuasive Persona Under Pressure	3
CLAS 371	Cicero, Caesar, and the End of the Roman Republic	3	DRAM 231	Playwriting I	3
CLSC 630	Research Methods in Clinical Laboratory Science	2	DRAM 279	Introduction to Theatre Management	3
CMPL 150	Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	3	DRAM 282	Theatre History and Literature II	3
CMPL 212	The Cinematic City	3	DRAM 283	Theatre History and Literature III	3
CMPL 250	Approaches to Comparative Literature <sup>H</sup>	3	DRAM 285	Modern British Drama <sup>H</sup>	3
CMPL 251	Introduction to Literary Theory	3			
CMPL 256	Love in Classical Persian Poetry	3			
CMPL 258	Iranian Prison Literature	3			

DRAM 286	Modern Irish Drama	3	ENGL 206	Intermediate Fiction Writing	3
DRAM 287	African American Theatre	3	ENGL 207	Intermediate Poetry Writing	3
DRAM 288	Theatre for Social Change	3	ENGL 208	Reading and Writing Creative Nonfiction	3
DRAM 294	Arts Criticism	3	ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
DRAM 300	Directing	3	ENGL 250	Faulkner	3
DRAM 488	United States Latino/a Theatre	3	ENGL 274	Approaches to Drama: Regional Productions	3
DRAM 493	Theatre Management	3	ENGL 283	Life Writing <sup>H</sup>	3
ECON 55	First-Year Seminar: Economics of Sports	3	ENGL 295	Undergraduate Research Seminar <sup>H</sup>	3
ECON 57H	First-Year Seminar: Engines of Innovation: the Entrepreneurial University in the 21st Century	3	ENGL 300	Advanced Expository Writing	3
ECON 285	Access to Work in America	3	ENGL 300I	Advanced Expository Writing (Interdisciplinary)	3
ECON 486	Gender and Economics	3	ENGL 301	Advanced Expository Writing for the Humanities	3
ECON 551	Economics of Education	3	ENGL 302	Advanced Expository Writing for the Social Sciences	3
EDUC 231	Thrive@Carolina and Beyond	3	ENGL 303	Advanced Expository Writing for the Natural Sciences	3
EDUC 529	Education in American Society	3	ENGL 304	Advanced Expository Writing for Business	3
EDUC 567	Children's Literature in Elementary and Middle Schools	3	ENGL 305	Advanced Expository Writing for Law	3
ENEC 375	Environmental Advocacy	3	ENGL 309	Theatrical Writing for the Puppet Stage	3
ENEC 463	Business and the Environment <sup>H</sup>	3	ENGL 311	The Art of the Book: Artists' Books, Zines, and the Bibliographic Imaginary in the Digital Age <sup>H</sup>	3
ENEC 491	Effective Environmental Communication	3	ENGL 316	Rhetorical Traditions <sup>H</sup>	3
ENGL 50	First-Year Seminar: Multimedia North Carolina	3	ENGL 317	Networked Composition	3
ENGL 52	First-Year Seminar: Computers and English Studies	3	ENGL 318	Multimedia Composition <sup>H</sup>	3
ENGL 55	First-Year Seminar: Reading and Writing Women's Lives <sup>H</sup>	3	ENGL 323	American Cinema of the 1970s: New Hollywood and Beyond	3
ENGL 59	First-Year Seminar: Black Masculinity and Femininity	3	ENGL 324	Creating the Video Essay	3
ENGL 69	First-Year Seminar: Entrepreneurial on the Web	3	ENGL 353	Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3
ENGL 72	First-Year Seminar: Literature of 9/11	3	ENGL 361	Asian American Women's Writing	3
ENGL 73	First-Year Seminar: Literature of War from World War I to the 21st Century	3	ENGL 366	Literature and the Other Arts <sup>H</sup>	3
ENGL 75	First-Year Seminar: Interpreting the South from Manuscripts	3	ENGL 370	Race, Health, and Narrative <sup>H</sup>	3
ENGL 76H	First-Year Seminar: Biography: People and Places, Chapel Hill	3	ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
ENGL 79	First-Year Seminar: Globalization/Global Asians	3	ENGL 402	Investigations in Academic Writing and Writing Centers	3
ENGL 80	First-Year Seminar: The Politics of Persuasion: Southern Women's Rhetoric	3	ENGL 406	Advanced Fiction Writing	3
ENGL 81	First-Year Seminar: Jane Eyre and Its Afterlives	3	ENGL 407	Advanced Poetry Writing	3
ENGL 85	First-Year Seminar: Economic Saints and Villains <sup>H</sup>	3	ENGL 408	Collaboration: Composers and Lyricists	3
ENGL 86	First-Year Seminar: The Cities of Modernism	3	ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	3
ENGL 116	History of Writing: From Pen to Pixel	3	ENGL 448	Philosophies of Life from Classical Antiquity to 1800	3
ENGL 117	Arguing on the Internet: Rhetoric in the Age of Animosity	3	ENGL 467	Educating Latinas/os: Preparing SLI Mentors	3
ENGL 121	British Literature, 19th and Early 20th Century	3	ENGL 480	Digital Humanities History and Methods	3
ENGL 127	Writing about Literature	3	ENGL 487	Everyday Stories: Personal Narrative and Legend	3
ENGL 132H	First-Year Honors: Introduction to Fiction Writing	3	ENGL 488	Critical Security Studies	3
ENGL 133H	First-Year Honors: Introduction to Poetry Writing	3	ENGL 492	Professional Writing Portfolio Development and Publication	3
ENGL 137	Literature in a Digital Age: Books, E-books, and the Literary Marketplace	3	ENGL 496	Independent Research	1-3
ENGL 149	Networked and Multimedia Composition	3	ENGL 610	Science as Literature: Rhetorics of Science and Medicine	3
ENGL 150	Introductory Seminar in Literary Studies	3	ENGL 611	Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3
ENGL 161	Literature of War from World War I to the 21st Century	3	ENGL 638	19th-Century Women Writers	3

ENGL 674	Digital Literature	3	HIST 70	First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3
ENGL 675	Digital Teaching	3	HIST 72	First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
ENGL 676	Digital Editing and Curation	3	HIST 101	Historical Analysis for the Information Age	3
ENGL 680	Film Theory	3	HIST 340	Ethics and Business in Africa <sup>H</sup>	3
ENGL 695	Research Seminar	3	HIST 398	Undergraduate Seminar in History <sup>H</sup>	3
ENVR 205	Engineering Tools for Environmental Problem Solving	3	HIST 438	Medieval Masculinities, 500-1200 <sup>H</sup>	3
EXSS 430	Introduction to Leadership and Group Dynamics	3	HIST 670	Introduction to Oral History	3
FOLK 484	Discourse and Dialogue in Ethnographic Research	3	HIST 692H	Honors in History	3
FOLK 487	Everyday Stories: Personal Narrative and Legend	3	INLS 384	Information and Computer Ethics	3
FOLK 670	Introduction to Oral History	3	INLS 691H	Research Methods in Information Science	3
FOLK 675	Ethnographic Method	3	ITAL 310	Italian Conversation	3
FREN 255	Conversation I <sup>H</sup>	3	ITAL 337	Cinema for Italian Conversation	3
FREN 310	Conversation and Composition II	3	ITAL 339	US-Italian Encounters: War, Tourism, Myth	3
FREN 311	Communication Skills for Cultural Immersion	3	JAPN 261	Japanese Theater	3
FREN 350	Advanced Oral and Written French	3	JWST 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	3
GEOG 52	Political Ecology of Health and Disease <sup>H</sup>	3	JWST 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
GEOG 62	First-Year Seminar: The Culture of Technology	3	JWST 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
GEOG 65	First-Year Seminar: Climate Change and the Media <sup>H</sup>	3	JWST 444	Gender and Sexuality in Contemporary Judaism	3
GEOG 424	Geographies of Religion	3	JWST 486	Shalom Y'all: The Jewish Experience in the American South	3
GEOG 543	Qualitative Methods in Geography	3	JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies	3
GEOG 650	Technology and Democracy Research	3	KOR 407	Modern Korean Literature and Culture	3
GEOL 550	Biogeochemical Cycling	3	KOR 408	Changes and Continuities in Korean History	3
GERM 267	Contemporary German and Austrian Cinema	3	LING 306	Language and Nationalism	3
GERM 268	Auteur Cinema	3	LING 409	Cognitive Linguistics	3
GERM 284	Translations and Adaptations of German Pop Literature	3	LING 484	Discourse and Dialogue in Ethnographic Research	3
GERM 285	Contemporary German Literature in Translation	3	LTAM 697	Capstone Seminar	3
GERM 301	Conversation and Composition	3	MASC 550	Biogeochemical Cycling	3
GERM 302	Contemporary German Society	3	MATH 67	The Mathematics of Climate Change: Can We Predict the Future of Our Planet?	3
GERM 303	Introduction to German Literature	3	MEJO 153	Writing and Reporting	3
GERM 367	Contemporary German and Austrian Cinema	3	MUSC 52	First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949	3
GERM 385	Schein/Sein: Turkish German Culture, 1964 to Today	3	MUSC 54	First-Year Seminar: Music and Magic	3
GERM 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3	MUSC 55H	First-Year Seminar: A Love Affair in Renaissance Drama and Music	3
GSLI 50	First-Year Seminar: Literary Fantasy and Historical Reality	3	MUSC 56	First-Year Seminar: Early-Modern Court Spectacle	3
GSLI 55	First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars	3	MUSC 57	First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism	3
GSLI 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	MUSC 58	First-Year Seminar: Music in Motion: American Popular Music and Dance	3
GSLI 58	First-Year Seminar: Love in the Middle Ages	3	MUSC 59	First-Year Seminar: 20th-Century Music and Visual Art	3
GSLI 84	First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3	MUSC 60H	First-Year Seminar: American Literature and Its Music	3
GSLI 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3	MUSC 61H	First-Year Seminar: Reverberations	3
GSLI 277	The Moon in Song, Story, and Science: Mentored Research Projects in Cultural History	3	MUSC 62	First-Year Seminar: Vienna: City of Dreams <sup>H</sup>	3
GSLI 278	Music, Image, Text	3	MUSC 63	First-Year Seminar: Music on Stage and Screen <sup>H</sup>	3
GSLI 306	Language and Nationalism	3			
GSLI 467	Language and Political Identity	3			

MUSC 64	First-Year Seminar: What is a Work of Art? Listening to Music	3	PSYC 693H	Honors in Psychology I	3
MUSC 355	History and Culture of Music <sup>H</sup>	3	PSYC 694H	Honors in Psychology II	3
MUSC 390	Seminar in Music <sup>H</sup>	3	PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
PHIL 55	First-Year Seminar: Paradoxes	3	PWAD 330	Negotiation and Mediation: The Practice of Conflict Management	3
PHIL 79	First-Year Seminar: Words That Bind: The Structure of Constitutions	3	PWAD 339	US-Italian Encounters: War, Tourism, Myth	3
PHIL 261	Ethics in Practice	3	PWAD 467	Language and Political Identity	3
PHIL 285	Moral and Philosophical Issues in Education	3	PWAD 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3
PHIL 397	Colloquium for Philosophy Majors	3	PWAD 484	Critical Security Studies	3
PHIL 691H	Courses for Honors	3	PWAD 670	Peace Making in the Israeli-Palestinian Conflict	3
PHYS 281L	Experimental Techniques in Physics	2	PWAD 674	Research Seminar on the History of Covert Action	3
PHYS 395	Research with Faculty Mentor II <sup>H</sup>	1-12	PWAD 680	Research Seminar in Peace, War, and Defense	3
PLAN 53	First-Year Seminar: The Changing American Job	3	RELI 60	First-Year Seminar: Religion and Racism	3
PLCY 75	First-Year Seminar: Debates in Public Policy and Racial Inequality	3	RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3	RELI 220	Religion and Medicine	3
PLCY 305	Communicating in Public Policy	3	RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
PLCY 330	Negotiation and Mediation: The Practice of Conflict Management	3	RELI 444	Gender and Sexuality in Contemporary Judaism	3
PLCY 691H	Honors in Public Policy	3	RELI 485	Gender and Sexuality in Islam	3
PLCY 692H	Honors in Public Policy	3	RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
PLCY 698	Senior Capstone in Public Policy	3	RELI 488	Shinto in Japanese History	3
POLI 50	First-Year Seminar: Movies and Politics	3	RELI 524	Ethnographic Approaches to Contemporary Religion	3
POLI 52	First-Year Seminar: Friendship in Political Thought <sup>H</sup>	3	RELI 527	Religious Metaphor and Symbol	3
POLI 61	First-Year Seminar: The United States and Cuba: Making Sense of United States Foreign Policy <sup>H</sup>	3	RELI 586	Women and Gender in Japanese Religions	3
POLI 62	First-Year Seminar: How Leaders Lead Others	3	RELI 697	Capstone: Undergraduate Seminar	3
POLI 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	3	ROML 60	First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities	3
POLI 265	Feminism and Political Theory	3	RUSS 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3
POLI 400	Executive Politics	3	SLAV 248	Childhood and Adolescence in Slavic Literature <sup>H</sup>	3
POLI 402	Assessing Political Tradecraft: Modeling How Leaders Influence Other Leaders	3	SOCI 67	First-Year Seminar: America in the 1960s	3
POLI 417	Advanced Political Psychology <sup>H</sup>	3	SOCI 68	First-Year Seminar: Immigration in Contemporary America	3
POLI 421	Framing Public Policies	3	SOCI 691H	Senior Honors Research and Seminar	3
POLI 432	Tolerance in Liberal States	3	SOCI 692H	Senior Honors Research and Seminar	3
POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3	SPAN 255	Conversation I <sup>H</sup>	3
POLI 477	Advanced Feminist Political Theory	3	SPAN 266	Spanish Conversation for Heritage Learners	3
POLI 692H	Honors Thesis Research	3	SPAN 394	Creative Writing in Spanish	3
PORT 420	Portuguese Language and Culture for the Professions	3	WGST 127	Iranian Women Writers	3
PORT 540	Cultural Topics from the Lusophone World	3	WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
PSYC 61	First-Year Seminar: Drug Addiction: Fact and Fiction <sup>H</sup>	3	WGST 249	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
PSYC 62	First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning	3	WGST 254	Women in the Visual Arts I	3
PSYC 64	First-Year Seminar: Prejudice and Stereotyping	3	WGST 265	Feminism and Political Theory	3
PSYC 438	Research Topics in the Psychology of Language	3	WGST 278	Women in Science	3
PSYC 525	Psychological Archival Data Science	3	WGST 329	Middle East Women Writers	3
PSYC 530	Design and Interpretation of Psychological Research	3	WGST 361	Asian American Women's Writing	3
			WGST 448	Gender and Sexuality in Contemporary Judaism	3



WGST 471	Gender and Sexuality in Middle Eastern Literature	3
WGST 477	Advanced Feminist Political Theory	3
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Quantitative Intensive (QI), One Course

Quantitative intensive courses focus especially on the ways that quantitative reasoning can be applied within particular fields. They involve modeling and problem solving, numerical reasoning, the collection and interpretation of quantitative data, mathematical analysis, the application of formal logic and proofs, or some combination of these. The requirement can be satisfied by taking one course from the list below or by taking a second quantitative reasoning (QR) course from the list of approved courses in that category.

Code	Title	Hours
ANTH 411	Laboratory Methods in Archaeology <sup>H</sup>	3
ASTR 63	First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics <sup>H</sup>	3
ASTR 390	Research and Special Topics for Juniors and Seniors	1-12
BIOL 201	Ecology and Evolution <sup>H</sup>	4
BIOL 226	Mathematical Methods for Quantitative Biology	3
BIOL 534	Mathematical Modeling in the Life Sciences	3
BIOL 553	Mathematical and Computational Models in Biology	3
COMP 50	First-Year Seminar: Everyday Computing <sup>H</sup>	3
COMP 60	First-Year Seminar: Robotics with LEGO® <sup>H</sup>	3
COMP 665	Images, Graphics, and Vision	3
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
ECON 470	Econometrics <sup>H</sup>	3
ECON 485	Economics of Sports	3
ECON 550	Health Economics	3
ECON 570	Applied Econometric Analysis <sup>H</sup>	3
ECON 575	Applied Time Series Analysis and Forecasting	3
ENEC 222	Estuarine and Coastal Marine Science	4
ENVR 205	Engineering Tools for Environmental Problem Solving	3
EXSS 273	Research in Exercise and Sport Science	3
GEOG 410	Modeling of Environmental Systems	3
GEOL 405	Geochemistry	3
GEOL 435	Groundwater	3
GEOL 436	Geochemistry of Natural Waters	3
GEOL 460	Fluid Dynamics of the Environment	3
GEOL 655	Recent Advances in Non-Traditional Stable Isotope Geochemistry	3
LING 333	Human Language and Animal Communication Systems	3
LING 540	Mathematical Linguistics	3
MASC 51	First Year Seminar: Global Warming: Science, Social Impacts, Solutions	3
MASC 57	First-Year Seminar: From "The Sound of Music" to "The Perfect Storm" <sup>H</sup>	3
MASC 455	Geochemistry	3
MASC 460	Fluid Dynamics of the Environment	3
MASC 470	Estuarine and Coastal Marine Science	4
MASC 561	Time Series and Spatial Data Analysis	3
MASC 562	Turbulent Boundary Layers	3
MATH 50	First-Year Seminar: The Predictability of Chance and Its Applications in Applied Mathematics	3
MATH 51	First-Year Seminar: 'Fish Gotta Swim, Birds Gotta Fly': The Mathematics and the Mechanics of Moving <sup>H</sup>	3
MATH 52	First-Year Seminar: Fractals: The Geometry of Nature <sup>H</sup>	3
MATH 53	First-Year Seminar: Symmetry and Tilings	3
MATH 54	First-Year Seminar: The Science of Conjecture: Its Math, Philosophy, and History <sup>H</sup>	3
MATH 55	First-Year Seminar: Geometry and Symmetry in Nature	3
MATH 56	First-Year Seminar: Information and Coding <sup>H</sup>	3
MATH 57	First-Year Seminar: The Fourth Dimension	3
MATH 58	First-Year Seminar: Math, Art, and the Human Experience <sup>H</sup>	3
MATH 59	First-Year Seminar: The Mystery and Majesty of Ordinary Numbers	3
MATH 60	First-Year Seminar: Simulated Life <sup>H</sup>	3
MATH 61	First-Year Seminar: The Language of Mathematics: Making the Invisible Visible	3
MATH 62	First-Year Seminar: Combinatorics <sup>H</sup>	3
MATH 63	First-Year Seminar: From "The Sound of Music" to "The Perfect Storm" <sup>H</sup>	3
MATH 64	First-Year Seminar: A View of the Sea: The Circulation of the Ocean and Its Impact on Coastal Water	3
MATH 65	First-Year Seminar: Colliding Balls and Springs: The Microstructure of How Materials Behave	3
MATH 66	First-Year Seminar: Non-Euclidean Geometry in Nature and History	3
MATH 67	The Mathematics of Climate Change: Can We Predict the Future of Our Planet?	3
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 283	BioCalculus II	3
MATH 307	Revisiting Real Numbers and Algebra	3
MATH 381	Discrete Mathematics <sup>H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 406	Mathematical Methods in Biostatistics	1
MATH 411	Developing Mathematical Concepts	3
MATH 418	Basic Concepts of Analysis for High School Teachers	3
MATH 515	History of Mathematics	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 523	Functions of a Complex Variable with Applications	3
MATH 524	Elementary Differential Equations	3
MATH 528	Mathematical Methods for the Physical Sciences I	3
MATH 529	Mathematical Methods for the Physical Sciences II	3

MATH 533	Elementary Theory of Numbers	3	PSYC 530	Design and Interpretation of Psychological Research	3
MATH 534	Elements of Modern Algebra	3	PSYC 531	Tests and Measurement	3
MATH 535	Introduction to Probability	3	PSYC 534	Introduction to Computational Statistics	3
MATH 547	Linear Algebra for Applications	3	PWAD 287	Strategy and International Relations	3
MATH 548	Combinatorial Mathematics	3	SOCI 252	Data Analysis	3
MATH 550	Topology	3	STOR 52	First-Year Seminar: Decisions, Decisions, Decisions	3
MATH 551	Euclidean and Non-Euclidean Geometries	3	STOR 53	FYS: Networks: Degrees of Separation and Other Phenomena Relating to Connected Systems	3
MATH 553	Mathematical and Computational Models in Biology	3	STOR 54	First-Year Seminar: Adventures in Statistics	3
MATH 555	Introduction to Dynamics	3	STOR 55	First-Year Seminar: Risk and Uncertainty in the Real World	3
MATH 564	Mathematical Modeling in the Life Sciences	3	STOR 56	First-Year Seminar: The Art and Science of Decision Making in War and Peace	3
MATH 565	Computer-Assisted Mathematical Problem Solving	3	STOR 60	First-Year Seminar: Statistical Decision-Making Concepts	3
MATH 566	Introduction to Numerical Analysis	3	STOR 61	First-Year Seminar: Statistics for Environmental Change	3
MATH 577	Linear Algebra	3	STOR 62	First-Year Seminar: Probability and Paradoxes	3
MATH 578	Algebraic Structures	3	STOR 63	FYS: Statistics, Biostatistics, and Bioinformatics: An Introduction to the Ongoing Evolution	3
MEJO 379	Advertising and Public Relations Research	3	STOR 64	First-Year Seminar: A Random Walk down Wall Street	3
MEJO 570	Data Driven Journalism	3	STOR 66	First-Year Seminar: Visualizing Data	3
MUSC 131	Theory I <sup>H</sup>	3	STOR 72	First-Year Seminar: Unlocking the Genetic Code	3
PHIL 65	First-Year Seminar: Philosophy through Mathematics	3	STOR 305	Decision Making Using Spreadsheet Models	3
PHIL 157	Logic and Decision Theory	3	STOR 320	Introduction to Data Science	3
PHIL 355	Intermediate Mathematical Logic	3	STOR 435	Introduction to Probability	3
PHIL 357	Induction, Probability, and Confirmation	3	STOR 471	Long-Term Actuarial Models	3
PHIL 456	Advanced Symbolic Logic	3			
PHYS 63	First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics <sup>H</sup>	3			
PHYS 102	General Physics Lecture I	3			
PHYS 103	General Physics Lecture II	3			
PHYS 104	General Physics I	4			
PHYS 105	General Physics II	4			
PHYS 114	General Physics I: For Students of the Life Sciences	4			
PHYS 115	General Physics II: For Students of the Life Sciences	4			
PHYS 116	Mechanics <sup>H</sup>	4			
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4			
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4			
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4			
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	3			
PLCY 460	Quantitative Analysis for Public Policy <sup>H</sup>	4			
POLI 209	Analyzing Public Opinion <sup>H</sup>	3			
POLI 281	Quantitative Research in Political Science	3			
POLI 285	Research Methods and Experiments	3			
POLI 287	Strategy and International Relations	3			
POLI 288	Strategy and Politics	3			
POLI 417	Advanced Political Psychology <sup>H</sup>	3			
POLI 488	Game Theory	3			
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4			
PSYC 310	Applied Statistical Methods in the Psychological Sciences	3			
PSYC 525	Psychological Archival Data Science	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Experiential Education (EE), One Course

- One course or credit-bearing activity is required.

Experiential education courses connect academic inquiry with a structured, active learning experience in which students exercise initiative and apply academic knowledge in various real-world contexts (geographic, social, cultural, etc.). Students may satisfy the experiential education requirement in a number of ways. They may participate in specifically approved undergraduate research programs or approved service-learning courses, take an approved course with a substantial field work component, participate in a University-approved study abroad program, complete an approved internship or honors thesis administered through an academic unit, or participate in an approved community- or audience-oriented creative activity. Please see the Study Abroad Program Office (<http://studyabroad.unc.edu>) for additional experiential education opportunities.

## Experiential Education – Study Abroad

Code	Title	Hours
ANTH 453	Field School in South American Archaeology <sup>H</sup>	6
ENGL 583	Drama on Location <sup>H</sup>	3
SPAN 253	Argentine Jewish Film	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Experiential Education – Internship

Code	Title	Hours
AAAD 293	Individual Internships for Majors and Minors	1-3
AMST 493	Internship	1-3
ANTH 393	Internship in Anthropology	1-12
ARCH 393	Internship in Archaeology	3-6
ARTH 293	Art History Practicum	3
ARTS 493	Studio Art Practicum or Internship	3
BIOL 293	Undergraduate Internship in Biology	3
BIOS 392	Undergraduate Internship	1-3
BUSI 493	Business Internship Project I	3
BUSI 593	Business Internship Project II	3
COMM 393	Internships	1-3
COMP 293	Internship in Computer Science	3
DRAM 393	Professional Theatre Laboratory	1-12
DRAM 493	Theatre Management	3
ECON 293	Internship	3
ECON 327	Business Venturing Workshop <sup>H</sup>	3
ECON 393	Practicum in Entrepreneurship <sup>H</sup>	3-6
EDUC 593	Internship/Student Teaching	1-12
EDUC 698	Internship in Human Development and Family Studies	9
ENEC 393	Internship in Sustainability	3
ENEC 493	Environmental Internship	1-4
ENEC 593	Environmental Practicum	1-3
ENVR 593	Undergraduate Practicum in Environmental Health Sciences	1-3
EXSS 493	Field Experience in Sport Administration	3
EXSS 593	Practicum in Physical Fitness and Wellness	1-3
GEOG 493	Internship	3
GERM 493	Internship in German	3
GLBL 193	Global Studies Internship	1
HIST 493	Internship in History	1-3
HIST 593	Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program	3
INLS 393	Information Science Internship	3
LING 493	Internship in Linguistics	3
MEJO 393	Mass Communication Practicum	1
PLCY 293	Internship in Public Policy	3
POLI 193	Internship in Political Science	3
PSYC 493	Internship in Psychology	3
PWAD 393	Internship in Peace, War, and Defense	3-6
ROML 293	Internship in Romance Studies	3
SOCI 393	Independent Experiential Internship	1-3
STOR 493	Internship in Statistics and Operations Research	3
WGST 393	Practicum in Women's and Gender Studies	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Experiential Education – Service Learning

Code	Title	Hours
AMST 398	Service Learning in America	3
AMST 460	Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment	3
ANTH 93	UNITAS	3
ANTH 425	Public Archaeology Practicum	3
ANTH 539	Environmental Justice	3
ANTH 625	Ethnography and Life Stories	3
ARAB 338	Borders and Walls in the Arab World - Experiential	3
BIOL 294	Service Learning in Biology: APPLES <sup>H</sup>	1-2
COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 625	Communication and Nonprofits in the Global Context	3
COMP 80	First-Year Seminar: Enabling Technology--Computers Helping People <sup>H</sup>	3
COMP 180	Enabling Technologies <sup>H</sup>	3
COMP 580	Enabling Technologies	3
DHYG 362	Community Dental Health Internship	1
DHYG 393	Dental Hygiene Specialty Practicum	5
DHYG 422	Dental Hygiene Service Learning	2
DTCH 275	Rising Fortunes and Rising Tides: The Dutch Golden Age and its Legacy	3
EDUC 400	Autism in Our Communities: An Interdisciplinary Perspective	3
EDUC 583	Planning the Internship Experience	3
EDUC 617	Teaching in the Middle School	3
ENEC 304	Restoration Ecology	4
ENGL 50	First-Year Seminar: Multimedia North Carolina	3
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3
ENGL 467	Educating Latinas/os: Preparing SLI Mentors	3
EXSS 420	Program Planning in Recreation Services	3
GEOG 429	Urban Political Geography: Durham, NC	3
GEOG 650	Technology and Democracy Research	3
GEOL 412	Principles and Methods of Teaching Earth Science	4
GERM 286	(Un)Welcomed Guests? German Reflections on Exile and Immigration	3
GLBL 401	Paradigms of Development and Social Change <sup>H</sup>	3
GLBL 485	Comparative Development	3
GLBL 489	Paradigms of Development and Social Change	3
HBEH 610	Alternative Spring Break	2
HBEH 611	Philanthropy as a Tool for Social Change	3
MEJO 332	Public Relations Writing	3
MEJO 459	Community Journalism	3
MEJO 671	Social Marketing Campaigns	3
NUTR 245	Sustainable Local Food Systems: Intersection of Local Foods and Public Health	3
PLCY 130	Getting It Done: Social Innovation	1
PLCY 393	Public Policy Clinic	3
PLCY 394	The Intersector	3
POLI 404	Race, Immigration, and Urban Politics	3
PSYC 294	Service Learning in Psychology: APPLES	1-3

PSYC 424	Neural Connections: Hands on Neuroscience	3	ASTR 111L	Educational Research in Radio Astronomy	1
PSYC 502	Psychology of Adulthood and Aging	3	BIOL 274	Plant Diversity	3
PSYC 506	Assessment and Treatment of Older Persons	3	BIOL 277L	Vertebrate Field Zoology Laboratory	1
PUBA 401	State and Local Governance	3	BIOL 410	Principles and Methods of Teaching Biology	4
PUBH 423	AIDS Service	3	BIOL 463	Field Ecology	4
ROML 60	First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities	3	BIOL 555	Paleobotany: An Introduction to the Past History of Plants	3
ROML 194	Service Learning in Romance Studies	1	BIOL 661	Plant Ecology	4
SOCI 253	Sociological Theory - Experiential	3	BIOS 664	Sample Survey Methodology	4
SOCI 273	Social and Economic Justice, Experiential Education	3	BUSI 505	Consulting to Entrepreneurial Firms	3
SOCI 416	Comparative Perspectives on Contemporary International Migration and Social Membership	3-4	BUSI 514	STAR <sup>H</sup>	4.5
SOCI 417	The City and Urbanization, Experiential Education	3	BUSI 519	STAR-Global <sup>H</sup>	4.5
SOCI 423	Sociology of Education, Experiential Education	3	BUSI 650	Symposium Core Committee	1.5-3
SOCI 470	Human Rights	3	CHEM 410	Instructional Methods in the Chemistry Classroom	4
SOWO 492	Seminar in Service Learning	1-6	CLAR 650	Field School in Classical Archaeology	6
SPAN 329	Spanish for Professional and Community Engagement	3	CLAS 123	Summer Study Abroad in Greece	3
SPHS 400	Autism in Our Communities: An Interdisciplinary Perspective	3	CLSC 540L	Clinical Hematology Laboratory	4
WGST 340	Leadership in Violence Prevention for Peer Educators	3	CLSC 580L	Clinical Immunohematology Laboratory	4
			COMM 53	First-Year Seminar: Collective Leadership Models for Community Change	3
			COMM 668	The Ethnographic Return to Performance and Community <sup>H</sup>	3
			COMP 185	Serious Games <sup>H</sup>	3
			COMP 227	Effective Peer Teaching in Computer Science	3
			COMP 325	How to Build a Software Startup	3
			COMP 393	Software Engineering Practicum	1-3
			COMP 585	Serious Games <sup>H</sup>	3
			ECON 285	Access to Work in America	3
			EDUC 301	Junior Transfer Seminar - Thriving in Transition	3
			EDUC 469	Developing Skills for Teaching	3
			EDUC 493	Practicum	1-6
			EDUC 524	Learning on the Edge: Theories of Experiential Education	3
			EDUC 615	Schools and Community Collaboration	3
			ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	3
			ENEC 259	Coral Reef Ecology and Management	1
			ENEC 479	Landscape Analysis	3
			ENEC 482	Energy and the Environment: A Coastal Perspective	3
			EXSS 51	First-Year Seminar: Entrepreneurship in Human Performance and Sport	3
			EXSS 207	Coaching Principles	3
			EXSS 393	Athletic Training Clinical	1
			FOLK 340	Southern Styles, Southern Cultures	4
			FOLK 370	Southern Legacies: The Descendants Project	4
			FOLK 424	Ritual, Festival, and Public Culture	3
			FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
			FOLK 480	Vernacular Traditions in African American Music	4
			FOLK 481	The Changing Lives of Jewish Objects	3
			FOLK 505	Traditions in Transition: Jewish Folklore and Ethnography	3
			GEOG 53	First-Year Seminar: Battle Park: Carolina's Urban Forest	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Experiential Education – Field Work

Code	Title	Hours
AAAD 402	African Media and Film: History and Practice	3
AAAD 480	Vernacular Traditions in African American Music	4
AERO 393	Air and Space Expeditionary Training	1
AMST 51	First-Year Seminar: Navigating America	3
AMST 283	American Home	3
AMST 285	Access to Work in America	3
AMST 394	The University in American Life: The University of North Carolina	3
AMST 394L	Role of the University	1
AMST 475	Documenting Communities <sup>H</sup>	3
ANTH 340	Southern Styles, Southern Cultures	4
ANTH 356	Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>H</sup>	3
ANTH 370	Southern Legacies: The Descendants Project	4
ANTH 395	Research in Anthropology <sup>H</sup>	1-6
ANTH 424	Ritual, Festival, and Public Culture	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ANTH 453	Field School in South American Archaeology <sup>H</sup>	6
ANTH 625	Ethnography and Life Stories	3
ARMY 493	Army Leadership Expeditionary Training	1
ARTH 201	Making Material Histories: A Makerspace Course	3
ARTH 551	Introduction to Museum Studies	3
ARTS 364	The Walking Seminar: A Territorial Investigation	3
ARTS 500	Senior Seminar	3



GEOG 419	Field Methods in Physical Geography	3	ARTS 206	Video II	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3	ARTS 233	Wood Sculpture	3
GEOL 72H	First-Year Seminar: Field Geology of Eastern California	3	ARTS 243	Metal Sculpture	3
GEOL 221	Geology of North America	3	ARTS 322	Narrative Painting	3
GEOL 234	Marine Carbonate Environments	2	ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
GEOL 425	Introduction to Field Geology	3	ARTS 409	Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
GEOL 485	Summer Field Course in Geology	3	ARTS 458	Photo Printmaking	3
GEOL 486	Summer Field Course in Geology	3	ARTS 499	Senior Projects	3
GEOL 555	Paleobotany: An Introduction to the Past History of Plants	3	ASIA 124	Iranian Post-1979 Cinema	3
GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3	ASIA 382	The Story of Rama in Indian Culture—Experiential	3
HIST 70	First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3	ASIA 383	The Mahabharata: Remembered and Reimagined—Experiential	3
HPM 393	Field Training in Health Policy and Management	2	ASIA 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
IDST 301	American Colleges and Universities: Junior Transfer Seminar	3	CHIN 242	Chinese Qin Music	3
JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3	CHIN 354	Chinese Culture through Calligraphy	3
JWST 481	The Changing Lives of Jewish Objects	3	COMM 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3	COMM 466	Advanced Study in Performing Literature	3
LTAM 512	Summer Intensive Continuing Course in Yucatec Maya	6	COMM 562	Oral History and Performance <sup>H</sup>	3
MASC 220	North Carolina Estuaries: Environmental Processes and Problems	3	COMM 644	Documentary Production: First Person Filmmaking	3
MASC 472	Barrier Island Ecology and Geology	6	COMM 664	Paranoia in Performance	3
MATH 410	Teaching and Learning Mathematics	4	COMM 665	Performing Consumer Culture	3
MEJO 447	International Media Studies	3	COMM 666	Media in Performance	3
MEJO 463	News Lab: Creating Tomorrow's News Products	3	DRAM 85	First-Year Seminar: Documentary Theatre <sup>H</sup>	3
MEJO 488	Multimedia Storytelling: Carolina Photojournalism Workshop	3	DRAM 88	First-Year Seminar: Ecology and Performance	3
MEJO 584	International Projects	3	DRAM 191	Technical Methods: Scenery	3
MEJO 625	Media Hub	3	DRAM 192	Technical Methods: Costume	3
MUSC 269	Music in the Community	3	DRAM 193	Production Practicum	3
NURS 591	Nursing Care of Adults with Major Health Problems, II	8	DRAM 196	Dramatic Art Projects	1-3
PHYS 410	Teaching and Learning Physics	4	DRAM 260	Advanced Stagecraft	3
PLAN 375	Real Estate Development	3	DRAM 460	Stage Management	3
PLCY 435	Designing for Impact: Social Enterprise Lab	3	DRAM 666	Media in Performance	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	3	ENGL 309	Theatrical Writing for the Puppet Stage	3
SOCI 301	American Colleges and Universities: Junior Transfer Seminar	3	FOLK 562	Oral History and Performance <sup>H</sup>	3
SOCI 413	Social Movements and Collective Behavior, Experiential	3	GERM 373	Denk ich an Deutschland. . .": German Lyrical Poetry through the Centuries	3
STOR 358	Sample Survey Methodology	4	GERM 374	German Theater: Words Speak as Loudly as Actions	3
			HIST 562	Oral History and Performance <sup>H</sup>	3
			MUSC 300	Advanced Keyboard Lessons and Recital <sup>H</sup>	3
			MUSC 302	Advanced Voice Lessons and Recital <sup>H</sup>	3
			MUSC 303	Advanced String Lessons and Recital <sup>H</sup>	3
			MUSC 304	Advanced Woodwind Lessons and Recital <sup>H</sup>	3
			MUSC 305	Advanced Brass Lessons and Recital <sup>H</sup>	3
			MUSC 306	Advanced Percussion Lessons and Recital <sup>H</sup>	3
			MUSC 364	UNC Summer Jazz Workshop	3
			MUSC 471	Instrumental Performance Repertory	3
			MUSC 493	Music Internship	3
			RELI 382	The Story of Rama in Indian Culture—Experiential	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Experiential Education – Performing Arts

Code	Title	Hours
AMST 225L	The Practice of Stand Up Comedy	1

RELI 383	The Mahabharata: Remembered and Reimagined– Experiential	3	CLAS 692H	Honors Course	3
RELI 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3	CMPL 260	Landscape in Literature and the Arts: Re-Imagining the Natural World	3
WGST 562	Oral History and Performance <sup>H</sup>	3	CMPL 460	Transnational Romanticism: Romantic Movements in Europe and the Americas	3
<p><sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.</p>			CMPL 500	Advanced Seminar	3
<p><b>Experiential Education – Mentored Research</b></p>			CMPL 558	The Lives and Times of Medieval Corpses	3
<b>Code</b>	<b>Title</b>	<b>Hours</b>	CMPL 622	Medieval Cosmopolitanisms	3
AAAD 334	Performing African American History	3	CMPL 691H	Comparative Lit Senior Honors Thesis Part I	3
AAAD 395	Undergraduate Research Seminar	3	CMPL 692H	Comparative Lit Senior Honors Thesis Part II	3
AAAD 691H	Honors Research I	3	COMM 472	Rhetorical Criticism	3
AAAD 692H	Honors Research II	3	COMM 625	Communication and Nonprofits in the Global Context	3
AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3	COMM 691H	Honors in Cultural Studies	3
AMST 410	Senior Seminar in Southern Studies	3	COMM 692H	Honors in Cultural Studies	3
AMST 671	Introduction to Public History	3	COMM 693H	Honors	3
AMST 691H	Honors in American Studies	3	COMM 694H	Honors	3
AMST 692H	Honors in American Studies	3	COMP 495	Mentored Research in Computer Science	3
ANTH 240	Action Research	3	COMP 523	Software Engineering Laboratory	4
ANTH 248	Anthropology and Public Interest	3	COMP 691H	Honors Thesis in Computer Science	3
ANTH 278	Women in Science	3	COMP 692H	Honors Thesis in Computer Science	3
ANTH 477	Visual Anthropology	3	DRAM 691H	Honors Project in Dramatic Art	3
ANTH 688	Observation and Interpretation of Religious Action	3	DRAM 692H	Honors Project in Dramatic Art	3
ANTH 691H	Seniors Honors Project in Anthropology	3	ECON 55	First-Year Seminar: Economics of Sports	3
ANTH 692H	Senior Honors Thesis in Anthropology	3	ECON 510	Advanced Microeconomic Theory <sup>H</sup>	3
ARCH 691H	Seniors Honors Thesis, Part 1	3	ECON 525	Advanced Financial Economics	3
ARCH 692H	Senior Honors Thesis, Part 2	3	ECON 545	Advanced Industrial Organization and Social Control	3
ARTH 595	Experience in Research	1-3	ECON 550	Health Economics	3
ARTH 691H	Honors in Art History	3	ECON 551	Economics of Education	3
ARTH 692H	Honors in Art History	3	ECON 560	Advanced International Economics	3
ARTS 343	MAKE: Art in the (New) Age	3	ECON 570	Applied Econometric Analysis <sup>H</sup>	3
ARTS 691H	Senior Honors Thesis Project in Studio Art	3	ECON 691H	Honors Course	3
ARTS 692H	Senior Honors Thesis Project in Studio Art	3	ECON 692H	Honors Course	3
ASIA 691H	Senior Honors Thesis I	3	EDUC 318	Peer Leadership in the University Environment	2
ASIA 692H	Senior Honors Thesis II	3	EDUC 691H	Honors Seminar in Education	3
ASTR 502	Astrophysics II (Modern Research in Astrophysics)	3	EDUC 694H	Honors Thesis in Education	3
BIOL 395	Undergraduate Research in Biology <sup>H</sup>	1-3	EDUC 697	Education Minor Capstone Course	3
BIOL 421L	Microbiology Laboratory with Research	2	ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	1-3
BIOL 692H	Senior Honors Thesis in Biology	3	ENEC 492	Social Science Research Methods	3
BIOS 693H	Honors Research in Biostatistics	3	ENEC 693H	Honors Research in Environmental Sciences and Studies	3
BIOS 694H	Honors Research in Biostatistics	3	ENEC 694H	Honors Project in Environmental Sciences and Studies	3
BMME 295	Research in Biomedical Engineering for Undergraduates	1-3	ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
BMME 691H	Honors Thesis	3	ENGL 55	First-Year Seminar: Reading and Writing Women's Lives <sup>H</sup>	3
BMME 692H	Honors Thesis	3	ENGL 75	First-Year Seminar: Interpreting the South from Manuscripts	3
BMME 698	Biomedical Engineering Senior Design II	3	ENGL 76H	First-Year Seminar: Biography: People and Places, Chapel Hill	3
BUSI 692H	Honors Thesis	3	ENGL 274	Approaches to Drama: Regional Productions	3
CHEM 395	Research in Chemistry for Undergraduates <sup>H</sup>	3			
CHEM 397H	Honors Colloquium in Chemistry	1			
CLAS 691H	Honors Course	3			

ENGL 292	Depictions of Childhood in Literature and the Visual Arts	3	LING 495	Individual Mentored Research	1-3
ENGL 295	Undergraduate Research Seminar <sup>H</sup>	3	LING 691H	Senior Honors Thesis	3
ENGL 316	Rhetorical Traditions <sup>H</sup>	3	LING 692H	Senior Honors Thesis	3
ENGL 353	Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	LTAM 691H	Honors in Latin American Studies	3
ENGL 496	Independent Research	1-3	LTAM 692H	Honors in Latin American Studies	3
ENGL 691H	English Senior Honors Thesis, Part I	3	MASC 395	Undergraduate Research in Marine Sciences	1-3
ENGL 692H	English Senior Honors Thesis, Part II	3	MATH 296	Directed Exploration in Mathematics	1-3
ENGL 693H	Creative Writing Senior Honors Thesis, Part I	3	MATH 396	Undergraduate Reading and Research in Mathematics	1-3
ENGL 694H	Creative Writing Senior Honors Thesis, Part II	3	MATH 691H	Honors Research in Mathematics	3
ENGL 695	Research Seminar	3	MATH 692H	Honors Thesis in Mathematics	3
ENVR 691H	Honors Research	3	MEJO 691H	Introductory Honors Course	3
ENVR 692H	Honors Thesis	3	MEJO 692H	Honors Essay	3
ENVR 695	Undergraduate Research	1-3	MUSC 66	First-Year Seminar: A Course in Digital Humanities and Multimedia <sup>H</sup>	3
ENVR 698	Senior Capstone Course	3	MUSC 296	Special Studies for Undergraduates	1-3
EURO 691H	Honors Thesis in European Studies	3	MUSC 691H	Senior Honors Thesis in Music I	3
EURO 692H	Honors Thesis in European Studies	3	MUSC 692H	Senior Honors Thesis in Music II	3
EXSS 395	Undergraduate Research Course	1-3	NURS 691H	Honors in Nursing, Part I	3
EXSS 693H	Senior Honors Thesis	3	NURS 692H	Honors in Nursing, Part II	3
EXSS 694H	Senior Honors Thesis	3	NUTR 295	Undergraduate Research Experience in Nutrition	3
FOLK 688	Observation and Interpretation of Religious Action	3	NUTR 692H	Honors Research in Nutrition	3
FOLK 691H	Honors Project in Folklore	3	PHIL 261	Ethics in Practice	3
FOLK 692H	Honors Thesis in Folklore	3	PHIL 292	Introducing and Integrating Philosophy into Primary and Secondary Schools	3
FREN 691H	Honors Thesis in French	3	PHIL 691H	Courses for Honors	3
FREN 692H	Honors Thesis in French	3	PHIL 692H	Courses for Honors	3
GEOG 691H	Honors	3	PHYS 295	Research with Faculty Mentor I	1-12
GEOG 692H	Honors	3	PHYS 395	Research with Faculty Mentor II <sup>H</sup>	1-12
GEOL 691H	Honors	3	PHYS 691H	Senior Honor Thesis Research I	3
GEOL 692H	Honors	3	PHYS 692H	Senior Honor Thesis Research II	3
GLBL 691H	Honors in Global Studies	3	PLAN 691H	Honors Seminar in Urban and Regional Studies	3
GLBL 692H	Honors in Global Studies	3	PLCY 691H	Honors in Public Policy	3
GSSL 70	First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures	3	PLCY 692H	Honors in Public Policy	3
GSSL 277	The Moon in Song, Story, and Science: Mentored Research Projects in Cultural History	3	PLCY 698	Senior Capstone in Public Policy	3
GSSL 691H	Honors Course	3	POLI 150L	International Relations and World Politics Research Laboratory	1
GSSL 692H	Honors Course	3	POLI 350	Peace Science Research	3
GSSL 693H	Honors Seminar	3	POLI 395	Mentored Research in Political Science	1-3
HIST 398	Undergraduate Seminar in History <sup>H</sup>	3	POLI 421	Framing Public Policies	3
HIST 671	Introduction to Public History	3	POLI 691H	Honors Seminar in Research Design	3
HIST 691H	Honors in History	3	POLI 692H	Honors Thesis Research	3
HIST 692H	Honors in History	3	POLI 693H	Honors Thesis Research	3
HPM 691H	Honors Research	3	PORT 691H	Honors Thesis	3
HPM 692H	Independent Honors Research	3	PORT 692H	Honors Thesis in Portuguese	3
IDST 195	Undergraduate Research Consulting Team	1	PSYC 270	Laboratory Research in Psychology	4
IDST 691H	Senior Honors Thesis	3	PSYC 395	Independent Research	1-3
IDST 692H	Senior Honors Thesis	3	PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3
INLS 691H	Research Methods in Information Science	3	PSYC 438	Research Topics in the Psychology of Language	3
INLS 692H	Honors Thesis in Information Science	3	PSYC 509	Applied Behavioral Analysis	3
ITAL 691H	Honors Thesis	3	PSYC 525	Psychological Archival Data Science	3
ITAL 692H	Honors Thesis in Italian	3	PSYC 693H	Honors in Psychology I	3
LING 395	Group Mentored Research	1-3	PSYC 694H	Honors in Psychology II	3

PWAD 670	Peace Making in the Israeli-Palestinian Conflict	3	AMST 55	First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3
PWAD 673	Post-Conflict Security Challenges	3	AMST 59	First-Year Seminar: American Indian Art in the 20th Century	3
PWAD 674	Research Seminar on the History of Covert Action	3	AMST 60	First-Year Seminar: American Indians in History, Law, and Literature	3
PWAD 680	Research Seminar in Peace, War, and Defense	3	AMST 62	First-Year Seminar: Mobility, Roads, NASCAR, and Southern Culture	3
PWAD 691H	Honors in Peace, War, and Defense	3	AMST 102	Myth and History in American Memory	3
PWAD 692H	Honors in Peace, War, and Defense	3	AMST 110	Introduction to the Cultures and Histories of Native North America	3
RELI 395	Guided Undergraduate Research	1-3	AMST 201	Literary Approaches to American Studies	3
RELI 688	Observation and Interpretation of Religious Action	3	AMST 203	Approaches to American Indian Studies	3
RELI 691H	Honors in Religious Studies	3	AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3
RELI 692H	Honors in Religious Studies	3	AMST 211	Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3
ROML 500	Research Methods for Romance Languages and European Studies	3	AMST 231	Native American History: The East	3
SOCI 691H	Senior Honors Research and Seminar	3	AMST 234	Native American Tribal Studies <sup>H</sup>	3
SOCI 692H	Senior Honors Research and Seminar	3	AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3
SPAN 691H	Honors Thesis	3	AMST 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
SPAN 692H	Honors Thesis in Spanish	3	AMST 252	Muslim American Literatures and Cultures	3
STOR 496	Undergraduate Reading and Research in Statistics and Operations Research	1-3	AMST 255	Mid-20th-Century American Thought and Culture	3
STOR 691H	Honors in Statistics and Analytics	3	AMST 258	Captivity and American Cultural Definition	3
STOR 692H	Honors in Statistics and Analytics	3	AMST 259	Tobacco and America	3
WGST 278	Women in Science	3	AMST 269	Mating and Marriage in American Culture	3
WGST 691H	Honors in Women's Studies	3	AMST 276	Food and American Studies: Cooking Up a Storm	3
WGST 692H	Honors in Women's Studies	3	AMST 317	Adoption in America	3
			AMST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
			AMST 335	Defining America II <sup>H</sup>	3
			AMST 336	Native Americans in Film	3
			AMST 337	Beyond Red Power: American Indian Activism since 1900	3
			AMST 338	Native American Novel	3
			AMST 339	The Long 1960s in Native America	3
			AMST 341	Digital Native America	3
			AMST 352	The Asian American Experience	3
			AMST 360	The Jewish Writer in American Life	3
			AMST 371	LGBTQ Film and Fiction from 1950 to the Present	3
			AMST 374	America's Threatened Languages	3
			AMST 375	Food and American Studies: Cooking Up a Storm	3
			AMST 394	The University in American Life: The University of North Carolina	3
			AMST 486	Shalom Y'all: The Jewish Experience in the American South	3
			AMST 510	Federal Indian Law and Policy	3
			AMST 511	American Indians and American Law	3
			AMST 512	Race and American Law	3
			ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3
			ANTH 62	First-Year Seminar: Indian Country Today	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## U.S. Diversity (US), One Course

Courses in U.S. diversity help students develop a greater understanding of diverse peoples and cultures within the United States and thereby enhance their ability to fulfill the obligations of United States citizenship. These courses address in systematic fashion one or more aspects of diversity in the United States, whether arising from ethnic, generational, class, gender, sexual, regional, or religious differences.

Code	Title	Hours
AAAD 50	First-Year Seminar: Defining Blackness	3
AAAD 51	First-Year Seminar: Masquerades of Blackness	3
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 231	African American History since 1865	3
AAAD 238	African American Literature Survey	3
AAAD 252	Blacks in the West	3
AAAD 254	Blacks in North Carolina	3
AAAD 330	20th-Century African American Art	3
AAAD 332	Remembering Race and Slavery	3
AAAD 333	Race and Public Policy in the United States	3
AAAD 449	Black Women in Cinema: From the Early 1900s to the Present	3
AAAD 480	Vernacular Traditions in African American Music	4
AAAD 491	Class, Race, and Inequality in America	3
AMST 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3



ANTH 67	First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3	ENGL 59	First-Year Seminar: Black Masculinity and Femininity	3
ANTH 92	UNITAS	3	ENGL 63	First-Year Seminar: Banned Books <sup>H</sup>	3
ANTH 93	UNITAS	3	ENGL 80	First-Year Seminar: The Politics of Persuasion: Southern Women's Rhetoric	3
ANTH 194	Anthropology and Community Development	3	ENGL 88	First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11	3
ANTH 202	Introduction to Folklore	3	ENGL 129	Literature and Cultural Diversity	3
ANTH 203	Approaches to American Indian Studies	3	ENGL 139	Currents in Sexuality Studies	3
ANTH 206	American Indian Societies	3	ENGL 140	Introduction to Gay and Lesbian Culture and Literature	3
ANTH 234	Native American Tribal Studies <sup>H</sup>	3	ENGL 202	Introduction to Folklore	3
ANTH 340	Southern Styles, Southern Cultures	4	ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
ANTH 370	Southern Legacies: The Descendants Project	4	ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ANTH 448	Health and Medicine in the American South	3	ENGL 267	Growing Up Latina/o	3
ANTH 484	Discourse and Dialogue in Ethnographic Research	3	ENGL 269	Introduction to Disability Studies	3
ANTH 538	Disease and Discrimination in Colonial Atlantic America	3	ENGL 270	Studies in Asian American Literature	3
ANTH 539	Environmental Justice	3	ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3
ANTH 625	Ethnography and Life Stories	3	ENGL 315	English in the U.S.A. <sup>H</sup>	3
ARTH 113	Art and Sports in the Americas	3	ENGL 354	The Lived Experience of Inequality and Public Policy	3
ARTH 387	20th-Century African American Art	3	ENGL 359	Latina Feminisms	3
ARTH 485	Art of the Harlem Renaissance	3	ENGL 360	Contemporary Asian American Literature and Theory	3
ARTS 72	First-Year Seminar: Visualizing Women's Lives and Experiences	3	ENGL 361	Asian American Women's Writing	3
ASIA 350	The Asian American Experience	3	ENGL 370	Race, Health, and Narrative <sup>H</sup>	3
ASIA 360	Contemporary Asian American Literature and Theory	3	ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
ASIA 445	Asian Religions in America	3	ENGL 487	Everyday Stories: Personal Narrative and Legend	3
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3	ENGL 611	Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	3	ENGL 665	Queer Latina/o Literature, Performance, and Visual Art	3
CMPL 180	Race and Ethnicity in Hollywood Productions and Beyond	3	ENGL 666	Queer Latina/o Photography and Literature	3
COMM 63	First-Year Seminar: The Creative Process in Performance	3	ENGL 670	Being and Race in African American Literature	3
COMM 224	Introduction to Gender and Communication <sup>H</sup>	3	EXSS 50	First-Year Seminar: Discrimination and Sport	3
COMM 318	Cultural Diversity	3	FOLK 77	First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme <sup>H</sup>	3
COMM 374	The Southern Experience in Rhetoric	3	FOLK 202	Introduction to Folklore	3
COMM 422	Family Communication <sup>H</sup>	3	FOLK 340	Southern Styles, Southern Cultures	4
COMM 437	United States Black Culture and Performance	3	FOLK 370	Southern Legacies: The Descendants Project	4
COMM 576	Making and Manipulating "Race" in the United States	3	FOLK 375	Food and American Studies: Cooking Up a Storm	3
COMM 577	Rhetoric and Black Culture	3	FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
COMP 80	First-Year Seminar: Enabling Technology--Computers Helping People <sup>H</sup>	3	FOLK 480	Vernacular Traditions in African American Music	4
EDUC 510	Mexican American and Chicana/o Experience in Education	3	FOLK 481	The Changing Lives of Jewish Objects	3
EDUC 533	Social Justice in Education	3	FOLK 484	Discourse and Dialogue in Ethnographic Research	3
EDUC 615	Schools and Community Collaboration	3	FOLK 487	Everyday Stories: Personal Narrative and Legend	3
EDUC 628	Teaching English Language Learners	3	FOLK 505	Traditions in Transition: Jewish Folklore and Ethnography	3
ENGL 53	First-Year Seminar: Slavery and Freedom in African American Literature and Film	3	FOLK 560	Southern Literature and the Oral Tradition	3
ENGL 58	First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction <sup>H</sup>	3	GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization	3

HIST 79	First-Year Seminar: Coming of Age in 20th Century America	3	PHIL 473	American Political Philosophy	3
HIST 110	Introduction to the Cultures and Histories of Native North America	3	PHIL 475	Philosophical Issues in Gender, Race, and Class	3
HIST 120	Sport and American History	3	PLAN 101	Cities and Urban Life	3
HIST 121	History of Religion in North America	3	PLCY 54	First-Year Seminar: U.S. Immigration	3
HIST 127	American History to 1865	3	PLCY 349	Immigration Policy in the 21st Century	3
HIST 144	Women in the United States from Settlement to Present	3	PLCY 354	The Lived Experience of Inequality and Public Policy	3
HIST 231	Native American History: The East	3	PLCY 365	Sexuality, Gender, and Public Policy	3
HIST 234	Native American Tribal Studies <sup>H</sup>	3	PLCY 425	Risks, Shocks, and the Safety Net	3
HIST 239	Religion in North America since 1865	3	PLCY 530	Educational Problems and Policy Solutions <sup>H</sup>	3
HIST 241	History of Latinos in the United States	3	POLI 56	First-Year Seminar: American Political Autobiography	3
HIST 355	American Women's History to 1865	3	POLI 71	First-Year Seminar: Politics of Race, Ethnicity, Language, Religion, and Gender <sup>H</sup>	3
HIST 356	American Women's History, 1865 to the Present	3	POLI 203	Race, Innocence, and the Decline of the Death Penalty	4
HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3	POLI 217	Women and Politics	3
HIST 366	North Carolina History before 1865	3	POLI 220	Race, Ethnicity, and Electoral Representation in the United States	3
HIST 375	History of Gender in America	3	POLI 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
HIST 376	History of African Americans to 1865	3	POLI 255	International Migration and Citizenship Today <sup>H</sup>	3
HIST 381	Bebop to Hip-Hop: The Modern Black Freedom Struggle through Music	3	POLI 280	American Political Thought <sup>H</sup>	3
HIST 382	The History of the Civil Rights Movement	3	POLI 333	Race and Public Policy in the United States	3
HIST 383	Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3	POLI 404	Race, Immigration, and Urban Politics	3
HIST 384	America in the Sixties <sup>H</sup>	3	POLI 419	Race and Politics in the Contemporary United States <sup>H</sup>	3
HIST 475	Feminist Movements in the United States since 1945 <sup>H</sup>	3	POLI 422	Minority Representation in the American States	3
HIST 561	The American Colonial Experience	3	POLI 428	Sexuality, Race, and Gender: Identity and Political Representation	3
HIST 585	Race, Basketball, and the American Dream	3	PSYC 64	First-Year Seminar: Prejudice and Stereotyping	3
HPM 350	Introduction to Health Services Systems	3	PSYC 69	First-Year Seminar: Racism, Racial Identity, and African American Mental Health	3
ITAL 340	Italian America in Literature and Film	3	PSYC 72	First-Year Seminar: Visualizing Women's Lives and Experiences	3
JWST 360	The Jewish Writer in American Life	3	PSYC 472	Racial Discrimination and Minority Youth	3
JWST 481	The Changing Lives of Jewish Objects	3	PSYC 503	African American Psychology	3
JWST 486	Shalom Y'all: The Jewish Experience in the American South	3	RELI 60	First-Year Seminar: Religion and Racism	3
JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3	RELI 140	Religion in America <sup>H</sup>	3
LING 484	Discourse and Dialogue in Ethnographic Research	3	RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
LTAM 291	The Latino Experience in the United States	3	RELI 248	Introduction to American Islam <sup>H</sup>	3
MEJO 342	The Black Press and United States History	3	RELI 338	Religion in American Law	3
MEJO 441	Diversity and Communication	3	RELI 423	Ethnicity, Race, and Religion in America	3
MEJO 442	Gender, Class, Race, and Mass Media	3	RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
MEJO 443	Latino Media Studies	3	RELI 445	Asian Religions in America	3
MEJO 459	Community Journalism	3	RELI 448	Native and Christian: Indigenous Engagements with Christianity	3
MUSC 143	Introduction to Rock Music	3	RELI 542	Religion and the Counterculture <sup>H</sup>	3
MUSC 144	Introduction to Country Music	3	SOCI 56	First-Year Seminar: Citizenship	3
MUSC 145	Introduction to Jazz	3	SOCI 67	First-Year Seminar: America in the 1960s	3
MUSC 148	Introduction to Black Music	3	SOCI 72	First-Year Seminar: Race and Ethnicity in the United States	3
MUSC 280	Jazz Innovators	3	SOCI 122	Race and Ethnic Relations	3
PHIL 57	First-Year Seminar: Race and Affirmative Action	3			
PHIL 274	African American Political Philosophy <sup>H</sup>	3			
PHIL 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3			

SOCI 172	Introduction to Population Health in the United States	3	AMST 53	First-Year Seminar: The Family and Social Change in America <sup>H</sup>	3
WGST 101	Introduction to Women's Studies	3	AMST 101	The Emergence of Modern America	3
WGST 111	Introduction to Sexuality Studies	3	AMST 102	Myth and History in American Memory	3
WGST 140	Introduction to Gay and Lesbian Culture and Literature	3	AMST 110	Introduction to the Cultures and Histories of Native North America	3
WGST 144	Women in the United States from Settlement to Present	3	AMST 175	Introduction to Food Studies: From Science to Society	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3	AMST 201	Literary Approaches to American Studies	3
WGST 217	Women and Politics	3	AMST 202	Historical Approaches to American Studies	3
WGST 224	Introduction to Gender and Communication <sup>H</sup>	3	AMST 203	Approaches to American Indian Studies	3
WGST 230	Women in Contemporary Art: A Field Study	3	AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3
WGST 231	Gender and Popular Culture	3	AMST 211	Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3
WGST 233	Introduction to Latina Literature	3	AMST 220	On the Question of the Animal: Contemporary Animal Studies	3
WGST 249	Intersectionality: Race, Gender, Sexuality, and Social Justice	3	AMST 225	Comedy and Ethics	3
WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3	AMST 231	Native American History: The East	3
WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	AMST 233	Native American History: The West	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3	AMST 234	Native American Tribal Studies <sup>H</sup>	3
WGST 354	American Women's History to 1865	3	AMST 235	Native America in the 20th Century	3
WGST 356	American Women's History, 1865 to the Present	3	AMST 253	A Social History of Jewish Women in America	3
WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3	AMST 255	Mid-20th-Century American Thought and Culture	3
WGST 361	Asian American Women's Writing	3	AMST 256	Anti-'50s: Voices of a Counter Decade	3
WGST 365	Sexuality, Gender, and Public Policy	3	AMST 257	Melville: Culture and Criticism	3
WGST 368	Women of Color in Contemporary United States Social Movements	3	AMST 258	Captivity and American Cultural Definition	3
WGST 375	History of Gender in America	3	AMST 268	American Cinema and American Culture	3
WGST 442	Gender, Class, Race, and Mass Media	3	AMST 277	Globalization and National Identity <sup>H</sup>	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3	AMST 278	Crimes and Punishments	3
WGST 475	Philosophical Issues in Gender, Race, and Class	3	AMST 290	Topics in American Studies	3
WGST 476	Feminist Movements in the United States since 1945 <sup>H</sup>	3	AMST 291	Ethics and American Studies	3
WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3	AMST 292	Historical Seminar in American Studies <sup>H</sup>	3
WGST 666	Queer Latina/o Photography and Literature	3	AMST 334	Defining America I <sup>H</sup>	3
			AMST 335	Defining America II <sup>H</sup>	3
			AMST 336	Native Americans in Film	3
			AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
			AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3
			AMST 352	The Asian American Experience	3
			AMST 360	The Jewish Writer in American Life	3
			AMST 390	Seminar in American Studies	3
			AMST 392	Radical Communities in Twentieth Century American Religious History	3
			AMST 410	Senior Seminar in Southern Studies	3
			AMST 482	Images of the American Landscape	3
			AMST 483	Seeing the USA: Visual Arts and American Culture	3
			AMST 487	Early American Architecture and Material Life	3
			AMST 488	No Place like Home: Material Culture of the American South	3
			AMST 498	Advanced Seminar in American Studies	3
			AMST 671	Introduction to Public History	3
			AMST 685	Literature of the Americas	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### North Atlantic World (NA), One Course

Courses that treat the North Atlantic world provide a grounding in the history, culture, geography, and social institutions of the region that is the place of origin and eventual home of most UNC–Chapel Hill students.

Code	Title	Hours
AAAD 237	African American Art Survey	3
AAAD 298	Blacks in British North America to 1833	3
AAAD 385	Emancipation in the New World	3
AAAD 486	Africa in the American Imagination <sup>H</sup>	3

ANTH 64	First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	3	ARTH 551	Introduction to Museum Studies	3
ANTH 175	Introduction to Food Studies: From Science to Society	3	ARTH 556	Visual Cultures of the American City, 1750-1950	3
ANTH 203	Approaches to American Indian Studies	3	ARTH 557	Art and Money	3
ANTH 230	Native American Cultures	3	ARTH 588	Current Issues in Art	3
ANTH 234	Native American Tribal Studies <sup>H</sup>	3	ASIA 350	The Asian American Experience	3
ANTH 342	African-American Religious Experience	3	ASTR 61	First-Year Seminar: The Copernican Revolution	3
ANTH 377	European Societies	3	CLAR 244	Greek Archaeology	3
ANTH 406	Native Writers	3	CLAR 245	Archaeology of Italy	3
ANTH 410	The Identification and Analysis of Historical Artifacts	3	CLAR 247	Roman Archaeology	3
ANTH 585	Anthropology of Science	3	CLAR 262	Art of Classical Greece	3
ARTH 53	First-Year Seminar: Art and the Body	3	CLAR 263	Roman Art	3
ARTH 54	First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3	CLAR 268	Hellenistic Art and Archaeology (350-31 BCE)	3
ARTH 55	First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>	3	CLAR 375	Archaeology of Cult	3
ARTH 64	First-Year Seminar: Picturing Nature	3	CLAR 464	Greek Architecture	3
ARTH 66	First-Year Seminar: Art, Money, and the Market	3	CLAR 465	Architecture of Etruria and Rome	3
ARTH 85	First-Year Seminar: Art and Technology	3	CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	3
ARTH 152	History of Western Art II <sup>H</sup>	3	CLAS 55	First-Year Seminar: Three Greek and Roman Epics <sup>H</sup>	3
ARTH 161	Introduction to American Art	3	CLAS 56	First-Year Seminar: Women and Men in Euripides	3
ARTH 254	Women in the Visual Arts I	3	CLAS 57	First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot <sup>H</sup>	3
ARTH 262	Art of Classical Greece	3	CLAS 58	First-Year Seminar: What's So Funny? Women and Comedy from Athens to Hollywood	3
ARTH 263	Roman Art	3	CLAS 121	The Greeks <sup>H</sup>	3
ARTH 264	Medieval Art in Western Europe	3	CLAS 122	The Romans <sup>H</sup>	3
ARTH 268	Hellenistic Art and Archaeology (350-31 BCE)	3	CLAS 123	Summer Study Abroad in Greece	3
ARTH 270	Early Renaissance Art in Italy	3	CLAS 240	Women in Greek Art and Literature <sup>H</sup>	3
ARTH 271	High Renaissance Art in Italy	3	CLAS 241	Women in Ancient Rome <sup>H</sup>	3
ARTH 274	European Baroque Art	3	CLAS 242	Sex and Gender in Antiquity	3
ARTH 275	18th-Century Art	3	CLAS 257	The Age of Augustus <sup>H</sup>	3
ARTH 281	Art of Exchange and Exploration: Early America and the Globe	3	CLAS 258	The Age of the Early Roman Empire	3
ARTH 282	Modernism I: Realism, Impressionism, Post-Impressionism	3	CLAS 259	Pagans and Christians in the Age of Constantine	3
ARTH 283	Picturing Paris: 1800-2000	3	CLAS 263	Athletics in the Greek and Roman World <sup>H</sup>	3
ARTH 284	Modernism II: 1905-1960	3	CLAS 363	Latin and Greek Lyric Poetry in Translation	3
ARTH 285	Art Since 1960	3	CLAS 364	The Classical Background of English Poetry <sup>H</sup>	3
ARTH 287	African American Art Survey	3	CLAS 409	Historical Literature Greek and Roman	3
ARTH 288	19th-Century American Art	3	CMPL 130	Great Books II <sup>H</sup>	3
ARTH 289	Art in the United States, 1890-1945: American Modernisms	3	CMPL 134	Great Books II: Travel and Identity <sup>H</sup>	3
ARTH 330	Art and the History of Museums, 1750-2000	3	CMPL 250	Approaches to Comparative Literature <sup>H</sup>	3
ARTH 369	European Art and Sexuality	3	CMPL 251	Introduction to Literary Theory	3
ARTH 370	Visual Art in the Age of Revolution	3	CMPL 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
ARTH 383	Modern Architecture	3	CMPL 270	German Culture and the Jewish Question	3
ARTH 385	Pop Art and Its Legacy	3	CMPL 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
ARTH 453	Africa in the American Imagination <sup>H</sup>	3	CMPL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3
ARTH 464	Greek Architecture	3	CMPL 332H	Cultural Diversity in Francophone Cinema	3
ARTH 465	Architecture of Etruria and Rome	3	CMPL 364	The Classical Background of English Poetry <sup>H</sup>	3
ARTH 473	Early Modern and Modern Decorative Arts	3	CMPL 374	Modern Women Writers	3
ARTH 483	Art, Politics, and Society in France, 1850-1914	3	CMPL 375	New Wave Cinema: Its Sources and Its Legacies	3
ARTH 514	Monuments and Memory	3	CMPL 377	The World of the Beat Generation: Transcultural Connections	3
			CMPL 383	Literature and Medicine <sup>H</sup>	3



CMPL 385	Modernist and Postmodernist Narrative	3	ENGL 58	First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction <sup>H</sup>	3
CMPL 386	Adolescence in 20th- and 21st-Century Literature	3	ENGL 70	First-Year Seminar: Courtly Love, Then and Now	3
CMPL 450	Major Works of 20th-Century Literary Theory	3	ENGL 74	First-Year Seminar: Epic/Anti-Epic in Western Literature	3
CMPL 452	The Middle Ages	3	ENGL 81	First-Year Seminar: Jane Eyre and Its Afterlives	3
CMPL 453	The Erotic Middle Ages	3	ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	3
CMPL 454	Literature of the Continental Renaissance in Translation <sup>H</sup>	3	ENGL 121	British Literature, 19th and Early 20th Century	3
CMPL 456	The 18th-Century Novel	3	ENGL 122	Introduction to American Literature <sup>H</sup>	3
CMPL 458	Sense, Sensibility, Sensuality, 1740-1810	3	ENGL 128	Major American Authors	3
CMPL 462	Realism	3	ENGL 129	Literature and Cultural Diversity	3
CMPL 464	Naturalism	3	ENGL 225	Shakespeare <sup>H</sup>	3
CMPL 466	Modernism	3	ENGL 226	Renaissance Drama <sup>H</sup>	3
CMPL 468	Aestheticism	3	ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	3
CMPL 470	Concepts and Perspectives of the Tragic	3	ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3
CMPL 471	Classical Rhetoric and Modern Theory	3	ENGL 230	Milton <sup>H</sup>	3
CMPL 472	The Drama from Ibsen to Beckett	3	ENGL 250	Faulkner	3
CMPL 477	Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3	ENGL 261	An Introduction to Literary Criticism <sup>H</sup>	3
CMPL 485	Approaches to 20th-Century Narrative	3	ENGL 278	Irish Writing, 1800-2000	3
CMPL 487	Literature and the Arts of Love	3	ENGL 284	Reading Children's Literature	3
CMPL 492	The Fourth Dimension: Art and the Fictions of Hyperspace	3	ENGL 285	Classical Backgrounds in English Literature	3
CMPL 621	Arthurian Romance	3	ENGL 288	Literary Modernism	3
CMPL 624	The Baroque	3	ENGL 289	Jewish American Literature and Culture of the 20th Century	3
CMPL 685	Literature of the Americas	3	ENGL 310	Fairy Tales	3
COMM 86	First-Year Seminar: Surveillance and Society	3	ENGL 319	Introduction to Medieval English Literature, excluding Chaucer <sup>H</sup>	3
COMM 412	Critical Theory	3	ENGL 320	Chaucer <sup>H</sup>	3
COMM 452	Film Noir	3	ENGL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3
COMM 470	Political Communication and the Public Sphere	3	ENGL 325	Shakespeare and His Contemporaries <sup>H</sup>	3
DRAM 81	First-Year Seminar: Staging America: The American Drama <sup>H</sup>	3	ENGL 326	Renaissance Genres	3
DRAM 85	First-Year Seminar: Documentary Theatre <sup>H</sup>	3	ENGL 327	Renaissance Literature and Its Intellectual Contexts	3
DRAM 87	First-Year Seminar: Style: A Mode of Expression <sup>H</sup>	3	ENGL 330	Perspectives on the Renaissance	3
DRAM 115	Perspectives in Drama <sup>H</sup>	3	ENGL 331	18th-Century Literature <sup>H</sup>	3
DRAM 120	Play Analysis <sup>H</sup>	3	ENGL 332	18th-Century Drama <sup>H</sup>	3
DRAM 215	Studies in Western Drama	3	ENGL 333	18th-Century Fiction <sup>H</sup>	3
DRAM 282	Theatre History and Literature II	3	ENGL 337	The Romantic Revolution in the Arts <sup>H</sup>	3
DRAM 283	Theatre History and Literature III	3	ENGL 338	19th-Century British Novel <sup>H</sup>	3
DRAM 285	Modern British Drama <sup>H</sup>	3	ENGL 343	American Literature before 1860 <sup>H</sup>	3
DRAM 286	Modern Irish Drama	3	ENGL 344	American Literature, 1860-1900 <sup>H</sup>	3
DRAM 289	Contemporary Irish Drama <sup>H</sup>	3	ENGL 345	American Literature, 1900-2000 <sup>H</sup>	3
DRAM 470	Survey of Costume History <sup>H</sup>	3	ENGL 347	The American Novel <sup>H</sup>	3
DRAM 480	Period Styles for Production	3	ENGL 348	American Poetry <sup>H</sup>	3
DTCH 275	Rising Fortunes and Rising Tides: The Dutch Golden Age and its Legacy	3	ENGL 350	20th-Century British and American Poetry <sup>H</sup>	3
DTCH 405	Topics in Dutch Culture: A Literary Survey	3	ENGL 355	The British Novel from 1870 to World War II <sup>H</sup>	3
ECON 58	First-Year Seminar: History of Financial Crisis, 1637-2013	3	ENGL 356	British and American Fiction since World War II <sup>H</sup>	3
ENEC 480	Environmental Decision Making	3	ENGL 357	20th-Century British Literature and Culture	3
ENEC 585	American Environmental Policy	3	ENGL 367	African American Literature to 1930 <sup>H</sup>	3
ENGL 54	First-Year Seminar: The War to End All Wars? The First World War and the Modern World <sup>H</sup>	3	ENGL 368	African American Literature, 1930-1970 <sup>H</sup>	3
			ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>	3
			ENGL 373	Southern American Literature <sup>H</sup>	3
			ENGL 374	Southern Women Writers	3

ENGL 375	Contemporary North Carolina Literature	3	FREN 315	Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
ENGL 377	Introduction to the Celtic Cultures	3	FREN 325	Crime and Literature in French and Francophone Contexts	3
ENGL 387	Canadian Literature	3	FREN 330	French Civilization I	3
ENGL 388	Modernism: Movements and Moments	3	FREN 331	French Civilization II	3
ENGL 430	Renaissance Literature–Contemporary Issues	3	FREN 332H	Cultural Diversity in Francophone Cinema	3
ENGL 436	Contemporary Approaches to 18th-Century Literature and Culture <sup>H</sup>	3	FREN 373	French New Wave Cinema	3
ENGL 437	Chief British Romantic Writers <sup>H</sup>	3	FREN 376	Identity and Nationhood in Québécois Literature	3
ENGL 439	English Literature, 1832-1890 <sup>H</sup>	3	FREN 377	The Evolution of Frenchness since WWII	3
ENGL 441	Romantic Literature–Contemporary Issues <sup>H</sup>	3	FREN 378	French and European Transmigrations: Global Contexts	3
ENGL 442	Victorian Literature–Contemporary Issues	3	FREN 388	History of French Cinema I: 1895-1950	3
ENGL 443	American Literature before 1860–Contemporary Issues <sup>H</sup>	3	FREN 389	History of French Cinema II: 1950 to the Present	3
ENGL 444	American Literature, 1860-1900–Contemporary Issues <sup>H</sup>	3	FREN 515	Social Networks: Technology and Community in Modern France	3
ENGL 445	American Literature, 1900-2000–Contemporary Issues <sup>H</sup>	3	GEOG 260	North America's Landscapes	3
ENGL 446	American Women Authors <sup>H</sup>	3	GEOG 262	Geography of North Carolina	3
ENGL 465	Difference, Aesthetics, and Affect <sup>H</sup>	3	GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
ENGL 472	African American Literature–Contemporary Issues <sup>H</sup>	3	GEOG 435	Environmental Politics	3
ENGL 475	Southern Literature–Contemporary Issues	3	GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
ENGL 619	Survey of Old and Middle English Literature	3	GERM 210	Getting Medieval: Knights, Violence, and Romance	3
ENGL 621	Arthurian Romance	3	GERM 216	The Viking Age	3
ENGL 630	Shakespeare and His Contemporaries	3	GERM 220	Women in the Middle Ages	3
ENGL 638	19th-Century Women Writers	3	GERM 245	Marx, Nietzsche, and Freud	3
ENGL 665	Queer Latina/o Literature, Performance, and Visual Art	3	GERM 249	German Literature in Translation	3
ENGL 666	Queer Latina/o Photography and Literature	3	GERM 250	Women in German Cinema	3
ENGL 685	Literature of the Americas	3	GERM 265	Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
ENVR 585	American Environmental Policy	3	GERM 266	Weimar Cinema	3
EURO 159	From War to Prosperity: 20th-Century Europe	3	GERM 267	Contemporary German and Austrian Cinema	3
EURO 239	Introduction to European Government <sup>H</sup>	3	GERM 268	Auteur Cinema	3
EURO 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3	GERM 275	History of German Cinema	3
EURO 257	Politics, Society, and Culture in Postwar Germany	3	GERM 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
EURO 259	Towards Emancipation? Women in Modern Europe	3	GERM 280	20th-Century German Philosophy and Modern Youth Cultures	3
EURO 332H	Cultural Diversity in Francophone Cinema	3	GERM 281	The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3
EURO 347	Fascist Challenge in Europe, 1918-1945	3	GERM 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
FOLK 230	Native American Cultures	3	GERM 284	Translations and Adaptations of German Pop Literature	3
FOLK 310	Fairy Tales	3	GERM 285	Contemporary German Literature in Translation	3
FOLK 342	African-American Religious Experience	3	GERM 290	Topics in German Studies	3
FOLK 488	No Place like Home: Material Culture of the American South	3	GERM 301	Conversation and Composition	3
FOLK 560	Southern Literature and the Oral Tradition	3	GERM 302	Contemporary German Society	3
FOLK 571	Southern Music	3	GERM 303	Introduction to German Literature	3
FOLK 587	Folklore in the South	3	GERM 304	Business German	3
FREN 250	Language through Culture and Literature	3	GERM 305	Business German	3
FREN 280	French "Discoveries" of the Americas in Translation	3	GERM 306	Introduction to German Translation	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation	3	GERM 310	Höfische Kultur/Courtly Culture	3
FREN 286	Food for Thought: The Culture of Cuisine in Modern France	3			

GERM 311	The Crusades	3	GSLL 280	The Dialectic of Whiteness and Blackness in Atlantic Cultures	3
GERM 325	Fools and Laughter in Early Modern German Literature	3	HIST 53	First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-1930	3
GERM 330	The Age of Goethe	3	HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
GERM 349	Vienna-Munich-Berlin: Revolutions in German Art c. 1900	3	HIST 72	First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
GERM 350	Modern German Literature	3	HIST 79	First-Year Seminar: Coming of Age in 20th Century America	3
GERM 367	Contemporary German and Austrian Cinema	3	HIST 81	First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3
GERM 370	Readings in German Intellectual History	3	HIST 84	First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies <sup>H</sup>	3
GERM 371	The German Novella	3	HIST 85	First-Year Seminar: What Concentration Camp Survivors Tell Us <sup>H</sup>	3
GERM 372	German Drama	3	HIST 106	Ancient History	3
GERM 373	Denk ich an Deutschland. . .": German Lyrical Poetry through the Centuries	3	HIST 107	Medieval History	3
GERM 374	German Theater: Words Speak as Loudly as Actions	3	HIST 110	Introduction to the Cultures and Histories of Native North America	3
GERM 379	German-Language Swiss Literature and Culture	3	HIST 124	United States History through Film	3
GERM 380	Austrian Literature	3	HIST 125	The Social History of Popular Music in 20th-Century America	3
GERM 381	Berlin: Mapping a (Post) Modern Metropolis	3	HIST 127	American History to 1865	3
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3	HIST 128	American History since 1865	3
GERM 383	Adaptations of the Past: Literature of the German Democratic Republic	3	HIST 152	European History since 1650	3
GERM 384	Guilt, Suffering, and Trauma in Post War Germany	3	HIST 157	History of Britain since 1688	3
GERM 390	Topics in German Studies	3	HIST 158	Early Modern European History, 1450-1815	3
GERM 450	Nietzsche, Hesse, and Mann	3	HIST 159	From War to Prosperity: 20th-Century Europe	3
GERM 493	Internship in German	3	HIST 164	History of Britain in the 19th Century	3
GREK 222	Advanced Greek II	3	HIST 165	History of Britain in the 20th Century	3
GREK 351	Classical Greek Prose	3	HIST 177H	Honors Seminar in Early European History	3
GSLL 50	First-Year Seminar: Literary Fantasy and Historical Reality	3	HIST 178H	Honors Seminar in Modern European History	3
GSLL 53	First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3	HIST 179H	Honors Seminar in American History	3
GSLL 54	First-Year Seminar: Once upon a Fairy Tale: Fairy Tales and Childhood, Then and Now	3	HIST 225	History of Greece	3
GSLL 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	HIST 226	History of Rome	3
GSLL 65	First-Year Seminar: German Heroes? Knights, Tricksters, and Magicians	3	HIST 228	The Medieval Expansion of Europe	3
GSLL 67	First-Year Seminar: Blackness in the European Imaginary, Europe in the Black Imaginary	3	HIST 231	Native American History: The East	3
GSLL 68	First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy <sup>H</sup>	3	HIST 233	Native American History: The West	3
GSLL 75	First-Year Seminar: The Book of Books: Literature and the Bible	3	HIST 234	Native American Tribal Studies <sup>H</sup>	3
GSLL 225	Popular and Pious: Early Modern Jewish Literature	3	HIST 235	Native America in the 20th Century	3
GSLL 246	Reality and Its Discontents: Kant to Kafka	3	HIST 236	Sex and American History	3
GSLL 254	The Division of Germany, Reunification, and Conflict with Russia <sup>H</sup>	3	HIST 244	History of the American Presidency	3
GSLL 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3	HIST 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
GSLL 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3	HIST 254	War and Society in Early Modern Europe	3
GSLL 270	German Culture and the Jewish Question	3	HIST 255	Manor to Machine: The Economic Shaping of Europe	3
			HIST 256	France, 1940 to the Present	3
			HIST 257	Politics, Society, and Culture in Postwar Germany	3
			HIST 258	Modern Italy since 1848	3
			HIST 259	Towards Emancipation? Women in Modern Europe	3
			HIST 261	France, 1870-1940	3

HIST 262	History of the Holocaust: The Destruction of the European Jews	3	HIST 466	Modern European Intellectual History	3
HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3	HIST 468	Art, Politics, and Society in France, 1850-1914	3
HIST 269	The History of London, World City, 1890-Present	3	HIST 469	European Social History, 1815-1970	3
HIST 310	The French Revolution	3	HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3
HIST 320	Museums in Europe and the Americas: History and Theory <sup>H</sup>	3	HIST 479	History of Female Sexualities in the West	3
HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3	HIST 486	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
HIST 347	Fascist Challenge in Europe, 1918-1945	3	HIST 489	The History of the 2008 Financial Crisis <sup>H</sup>	3
HIST 348	Population Transfers, Migration, and Displacement in Europe from the 19th to the 21st Century	3	HIST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3
HIST 353	Cinema, Culture, and Society in Weimar and Nazi Germany	3	HIST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3
HIST 354	War and Gender in Movies <sup>H</sup>	3	HIST 514	Monuments and Memory	3
HIST 357	The Old South	3	HIST 516	Historical Time <sup>H</sup>	3
HIST 359	Jacksonian America, 1815-1848	3	HIST 517	Gender, Military, and War in Comparative Perspective	3
HIST 360	Modern American Intellectual History <sup>H</sup>	3	HIST 564	The American Revolution, 1763-1815	3
HIST 362	Baseball and American History	3	HIST 566	The History of Sexuality in America	3
HIST 363	Popular Culture and American History <sup>H</sup>	3	HIST 568	Women in the South	3
HIST 364	History of American Business	3	HIST 569	African American Women's History	3
HIST 365	The Worker and American Life	3	HIST 571	Southern Music	3
HIST 366	North Carolina History before 1865	3	HIST 576	The Ethnohistory of Native American Women	3
HIST 367	North Carolina History since 1865	3	HIST 577	United States Foreign Relations in the 20th Century	3
HIST 368	War and American Society to 1903	3	HIST 581	American Constitutional History to 1876	3
HIST 369	War and American Society, 1903 to the Present	3	HIST 582	American Constitutional History since 1876	3
HIST 372	History of American Politics, 1932-Present <sup>H</sup>	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
HIST 373	The United States in World War II	3	HIST 625	Technology and American Culture	3
HIST 374	The American West, 1800 to the Present	3	HIST 671	Introduction to Public History	3
HIST 375	History of Gender in America	3	ITAL 242	Modern Italian Literature in Translation	3
HIST 376	History of African Americans to 1865	3	ITAL 250	Italian Fascism: Between History, Fiction, and Film	3
HIST 377	History of African Americans, 1865 to Present <sup>H</sup>	3	ITAL 258	Modern Italy since 1848	3
HIST 421	Alexander	3	ITAL 320	Italian Cities and Cultures	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3	ITAL 330	Italian Civilization I	3
HIST 423	Archaic Greece, 800-480 BCE	3	ITAL 331	Italian Civilization II	3
HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3	ITAL 333	Italian Film and Culture	3
HIST 425	Roman History, 154 BCE-14 CE	3	ITAL 335	Themes in Italian Film	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3	ITAL 340	Italian America in Literature and Film	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3	ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
HIST 431	The Medieval Church	3	ITAL 345	Italian Women Writers	3
HIST 432	The Crusades	3	ITAL 365	Italian Food and Culture	3
HIST 435	The Medieval University	3	ITAL 370	Survey of Italian Literature I	3
HIST 436	Medieval Theology, Gender, and the Body	3	JWST 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3	JWST 225	Popular and Pious: Early Modern Jewish Literature	3
HIST 453	Mediterranean Societies and Economics in the Renaissance World	3	JWST 239	German Culture and the Jewish Question	3
HIST 460	Late Medieval and Reformation Germany	3	JWST 253	A Social History of Jewish Women in America	3
HIST 461	Early Modern Germany, 1600-1815	3	JWST 262	History of the Holocaust: The Destruction of the European Jews	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3	JWST 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3			



JWST 289	Jewish American Literature and Culture of the 20th Century	3	POLI 54	FYS: The American Worker: Sociology, Politics, and History of Labor in the United States	3
JWST 360	The Jewish Writer in American Life	3	POLI 56	First-Year Seminar: American Political Autobiography	3
JWST 444	Gender and Sexuality in Contemporary Judaism	3	POLI 63	First-Year Seminar: Social Movements and Political Protest and Violence	3
LATN 221	Vergil	3	POLI 72	First-Year Seminar: Entrepreneurship in Community and Economic Development	3
LATN 331	Roman Historians	3	POLI 100	Introduction to Government in the United States <sup>H</sup>	3
LATN 353	Satire (Horace and Juvenal)	3	POLI 101	State and Local Government in the United States <sup>H</sup>	3
MNGT 364	History of American Business	3	POLI 204	Introduction to Southern Politics	3
MNGT 365	The Worker and American Life	3	POLI 232	Politics of the United Kingdom <sup>H</sup>	3
MUSC 64	First-Year Seminar: What is a Work of Art? Listening to Music	3	POLI 239	Introduction to European Government <sup>H</sup>	3
MUSC 65	First-Year Seminar: Music and Culture: Understanding the World through Music	3	POLI 257	Politics, Society, and Culture in Postwar Germany	3
MUSC 141	Survey of Western Music History	3	POLI 265	Feminism and Political Theory	3
MUSC 142	Great Musical Works	3	POLI 270	Classical Political Thought <sup>H</sup>	3
MUSC 145	Introduction to Jazz	3	POLI 271	Modern Political Thought <sup>H</sup>	3
MUSC 188	Introduction to Women and Music	3	POLI 272	The Ethics of Peace, War, and Defense	3
MUSC 248	Women in Opera	3	POLI 276	Major Issues in Political Theory <sup>H</sup>	3
MUSC 255	Studies in Music History II, 1750 to the Present	3	POLI 280	American Political Thought <sup>H</sup>	3
MUSC 281	Popular Song in American Culture	3	POLI 345	Buying Influence: Interest Groups and Public Policy	3
MUSC 282	Bach and Handel	3	POLI 410	The Constitution of the United States	3
MUSC 283	Haydn and Mozart	3	POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3
MUSC 284	Beethoven and His Era	3	POLI 412	United States National Elections <sup>H</sup>	3
MUSC 285	Musical Modernism	3	POLI 416	Constitutional Policies and the Judicial Process	3
MUSC 287	Opera as Drama <sup>H</sup>	3	POLI 418	Mass Media and American Politics	3
MUSC 288	The Orchestra and Its Music	3	POLI 432	Tolerance in Liberal States	3
MUSC 289	Sounds of War and Revolution	3	POLI 433	Politics of the European Union <sup>H</sup>	3
MUSC 294	Bluegrass Music, Culture, and History	3	POLI 438	Democracy and International Institutions in an Undivided Europe	3
NUTR 175	Introduction to Food Studies: From Science to Society	3	POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3
PHIL 51	First-Year Seminar: Who Was Socrates?	3	POLI 470	Social and Political Philosophy <sup>H</sup>	3
PHIL 134	Philosophy of Western Religion <sup>H</sup>	3	POLI 471	Contemporary Political Thought <sup>H</sup>	3
PHIL 215	Medieval Philosophy	3	POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
PHIL 220	17th and 18th Century Western Philosophy <sup>H</sup>	3	POLI 473	Politics and Literature	3
PHIL 224	Existential Philosophy <sup>H</sup>	3	POLI 477	Advanced Feminist Political Theory	3
PHIL 228	American Philosophy	3	PWAD 101	Making Public Policy <sup>H</sup>	3
PHIL 229	20th-Century Western Philosophy	3	PWAD 220	The Politics of Public Policy <sup>H</sup>	3
PHIL 230	Experience and Reality <sup>H</sup>	3	PWAD 254	War and Society in Early Modern Europe	3
PHIL 272	The Ethics of Peace, War, and Defense	3	PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
PHIL 370	Political Philosophy	3	PWAD 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
PHYS 61	First-Year Seminar: The Copernican Revolution	3	PWAD 272	The Ethics of Peace, War, and Defense	3
PLAN 53	First-Year Seminar: The Changing American Job	3	PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
PLAN 585	American Environmental Policy	3	PWAD 289	Sounds of War and Revolution	3
PLCY 85	First-Year Seminar: Reforming America's Schools <sup>H</sup>	3	PWAD 352	The History of Intelligence Operations	3
PLCY 101	Making Public Policy <sup>H</sup>	3	PWAD 354	War and Gender in Movies <sup>H</sup>	3
PLCY 220	The Politics of Public Policy <sup>H</sup>	3	PWAD 368	War and American Society to 1903	3
PLCY 345	Buying Influence: Interest Groups and Public Policy	3	PWAD 369	War and American Society, 1903 to the Present	3
PLCY 360	State and Local Politics	3	PWAD 373	The United States in World War II	3
PLCY 361	Health Policy and Politics	3			
PLCY 480	Environmental Decision Making	3			
PLCY 585	American Environmental Policy	3			
PLCY 698	Senior Capstone in Public Policy	3			

PWAD 416	Constitutional Policies and the Judicial Process	3	RUSS 477	Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3
PWAD 421	Alexander	3	SOCI 61	FYS: Innovative, Information Technology, and the Sociology of Business in 21st-Century	3
PWAD 422	Ancient Greek Warfare <sup>H</sup>	3	SOCI 66	First-Year Seminar: Citizenship and Society in the United States	3
PWAD 432	The Crusades	3	SOCI 115	Regional Sociology of the South	3
PWAD 485	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3	SPAN 280	Cervantes in English Translation	3
PWAD 517	Gender, Military, and War in Comparative Perspective	3	SPAN 340	Iberian Cultural Topics	3
PWAD 564	The American Revolution, 1763-1815	3	SPAN 375	Spanish of the United States	3
PWAD 577	United States Foreign Relations in the 20th Century	3	WGST 64	Plantation Lullabies: Literature by and about African American Women	3
RELI 62	First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3	WGST 111	Introduction to Sexuality Studies	3
RELI 72	First-Year Seminar: Apocalypse Now? Messianic Movements in America	3	WGST 188	Introduction to Women and Music	3
RELI 105	Religions of the Greco-Roman World	3	WGST 220	Women in the Middle Ages	3
RELI 125	Heaven and Hell	3	WGST 240	Women in Greek Art and Literature <sup>H</sup>	3
RELI 126	Philosophy of Western Religion <sup>H</sup>	3	WGST 241	Women in Ancient Rome <sup>H</sup>	3
RELI 138	Religious Freedom	3	WGST 242	Sex and Gender in Antiquity	3
RELI 140	Religion in America <sup>H</sup>	3	WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI 141	African American Religions <sup>H</sup>	3	WGST 248	Women in Opera	3
RELI 142	Catholicism in America	3	WGST 250	Women in German Cinema	3
RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3	WGST 253	A Social History of Jewish Women in America	3
RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3	WGST 254	Women in the Visual Arts I	3
RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3	WGST 259	Towards Emancipation? Women in Modern Europe	3
RELI 208	The Birth of Christianity	3	WGST 265	Feminism and Political Theory	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3	WGST 353	War and Gender in Movies <sup>H</sup>	3
RELI 222	Modern Western Religious Thought	3	WGST 373	Modern Women Writers	3
RELI 236	Religious Things	3	WGST 374	Southern Women Writers	3
RELI 239	German Culture and the Jewish Question	3	WGST 375	History of Gender in America	3
RELI 240	Religion, Literature, and the Arts in America <sup>H</sup>	3	WGST 446	American Women Authors <sup>H</sup>	3
RELI 241	Messianic Movements in American History	3	WGST 448	Gender and Sexuality in Contemporary Judaism	3
RELI 242	New Religious Movements in America	3	WGST 477	Advanced Feminist Political Theory	3
RELI 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3	WGST 479	History of Female Sexualities in the West	3
RELI 323	Social Theory and Cultural Diversity	3	WGST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3
RELI 332	The Protestant Tradition <sup>H</sup>	3	WGST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3
RELI 340	Liberal Tradition in American Religion	3	WGST 517	Gender, Military, and War in Comparative Perspective	3
RELI 342	African-American Religious Experience	3	WGST 568	Women in the South	3
RELI 365	Studies in Christian Theologies and Theologians	3	WGST 569	African American Women's History	3
RELI 366	Medieval Religious Texts	3	WGST 576	The Ethnohistory of Native American Women	3
RELI 368	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3	WGST 583	Gender and Imperialism	3
RELI 375	Archaeology of Cult	3	WGST 664	Body and Suffering in Christian Mysticism	3
RELI 441	Religion in Early America <sup>H</sup>	3	WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
RELI 444	Gender and Sexuality in Contemporary Judaism	3	WGST 666	Queer Latina/o Photography and Literature	3
RELI 522	19th-Century Critiques of Religion	3			
RELI 530	Genealogies of Religion	3			
RELI 580	African American Islam	3			
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3			
RELI 662	Advanced Seminar in Contemporary Catholicism	3			
RELI 665	Body and Suffering in Christian Mysticism	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Beyond the North Atlantic World (BN), One Course

Courses in this category introduce students to the history, culture, geography, and social institutions of one or more regions that lie beyond

the North Atlantic – specifically, Asia, Africa, Eastern Europe, Latin America, the Middle East, and the Pacific.

Code	Title	Hours	Code	Title	Hours
AAAD 101	Introduction to Africa	3	ANTH 429	Culture and Power in Southeast Asia	3
AAAD 200	Gender and Sexuality in Africa	3	ANTH 461	Colonialism and Postcolonialism: History and Anthropology	3
AAAD 201	Introduction to African Literature	3	ANTH 545	The Politics of Culture in East Asia	3
AAAD 202	African Film and Performance	3	ANTH 574	Chinese World Views	3
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3	ANTH 578	Chinese Diaspora in the Asia Pacific	3
AAAD 211	African Art and Culture	3	ANTH 586	The Gardens, Shrines, and Temples of Japan	3
AAAD 212	Africa in the Global System	3	ANTH 626	African Cultural Dynamics	3
AAAD 214	Africa through the Ethnographic Lens	3	ANTH 682	Contemporary Chinese Society	3
AAAD 260	Blacks in Latin America	3	ARAB 150	Introduction to Arab Cultures	3
AAAD 261	Afro-Cuban Dance: History, Theory, and Practice	3	ARAB 151	Arabic Literature through the Ages	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3	ARAB 300	Arabic Grammar and Composition	3
AAAD 287	Health Equity in the African Diaspora	3	ARAB 321	Visions of Emancipation in Modernist Arab Thought	3
AAAD 300	Cultures of Health and Healing in Africa	3	ARAB 337	Borders and Walls in the Arab World	3
AAAD 302	West African History, Politics, and Culture	3	ARAB 338	Borders and Walls in the Arab World - Experiential	3
AAAD 303	Islamic Cultures in Contemporary Africa	3	ARAB 350	Women and Leadership in the Arab World	3
AAAD 307	21st-Century Scramble for Africa	3	ARAB 407	Readings in Arabic I	3
AAAD 315	Political Protest and Conflict in Africa	3	ARAB 408	Readings in Arabic II	3
AAAD 316	Public Policy and Development in Africa	3	ARAB 434	Modern Arabic Literature in Translation	3
AAAD 318	Politics of Art in Africa	3	ARAB 443	Dissident Voices in Arab Cultures	3
AAAD 319	Africa and Masks	3	ARAB 452	Imagining Palestine	3
AAAD 320	Music of Africa	3	ARAB 453	Film, Nation, and Identity in the Arab World	3
AAAD 329	Islamic Cultures and Societies in East Africa	3	ARTH 80	First-Year Seminar: Islamic Art and Science	3
AAAD 404	Music of African Diasporas	3	ARTH 112	The Art of Animals: Africa and Beyond	3
AAAD 405	Contemporary African Art	3	ARTH 153	Introduction to South Asian Art	3
AAAD 421	Introduction to the Languages of Africa	3	ARTH 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3
AAAD 461	Race, Gender, and Contemporary Activism in Cuba	3	ARTH 155	African Art Survey	3
AMST 378	Nation Building and National Identity in Australia and the United States <sup>H</sup>	3	ARTH 157	Introduction to Latin American Visual Culture	3
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3	ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
ANTH 102	Introduction to Cultural Anthropology	3	ARTH 251	Art in the Age of the Caliphs	3
ANTH 121	Ancient Cities of the Americas	3	ARTH 255	African Art and Culture	3
ANTH 130	Anthropology of the Caribbean	3	ARTH 258	Chinese Art and Culture: from Han to Tang	3
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3	ARTH 266	Arts of Early & Medieval Asia	3
ANTH 222	Prehistoric Art	3	ARTH 273	Arts Under the Mughal Dynasty in India	3
ANTH 231	Archaeology of South America	3	ARTH 277	Art and Architecture of Viceregal Latin America	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3	ARTH 280	Picture That: History of Photography from Tintypes to Instagram	3
ANTH 233	Prehistory of Southwest Asia and Egypt: From the Earliest Humans to the Rise of Civilization	3	ARTH 291	Art, Culture, and Power in Africa	3
ANTH 330	Melancholy Japan: Myth, Memory, and Everyday Life	3	ARTH 294	Arts of Southern Africa	3
ANTH 343	Africa and Masks	3	ARTH 297	Clothing and Textiles in Africa	3
ANTH 347	Anthropology of Travel and Tourism	3	ARTH 298	Chinese Ceramics: A Material and Visual History	3
ANTH 356	Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>H</sup>	3	ARTH 299	Arts of West Africa	3
ANTH 361	Community in India and South Asia	3	ARTH 300	Art of African Independence	3
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3	ARTH 303	Art and Colonialism: France in Africa/Africa in France	3
			ARTH 304	Islam and African Art	3
			ARTH 352	Religious Architecture and Visual Culture in Latin America	3
			ARTH 353	Africa and Masks	3
			ARTH 363	Envisioning Buddhism in Medieval China	3

ARTH 445	The Mexican Mural Renaissance, 1921-1945	3	ASIA 229	Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ARTH 452	Brazilian Modernism	3	ASIA 231	Bollywood Cinema	3
ARTH 468	Visual Arts and Culture in Modern and Contemporary China	3	ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ARTH 488	Contemporary African Art	3	ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ARTH 555	Urban Africa and Global Mobility	3	ASIA 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
ARTH 562	Islamic Urbanism	3	ASIA 241	Asian Literature/Study Abroad Program	3-6
ASIA 52	First-Year Seminar: Food in Chinese Culture	3	ASIA 242	Asian Fine Arts/Study Abroad Program	3-6
ASIA 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	3	ASIA 243	Asian Societies/Study Abroad Program	3
ASIA 54	First-Year Seminar: The American Life of Japanese Women	3	ASIA 244	Asian History/Study Abroad Program	3-6
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3	ASIA 251	Art in the Age of the Caliphs	3
ASIA 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3	ASIA 252	Popular Culture in Modern Southeast Asia	3
ASIA 57	First-Year Seminar: Dis-Orienting the Orient	3	ASIA 258	Iranian Prison Literature	3
ASIA 58	First-Year Seminar: Chasing Madame Butterfly <sup>H</sup>	3	ASIA 266	Arts of Early & Medieval Asia	3
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3	ASIA 267	South Asia	3
ASIA 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3	ASIA 272	Contemporary India, Pakistan, and Bangladesh	3
ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	3	ASIA 273	Arts Under the Mughal Dynasty in India	3
ASIA 63	First-Year Seminar: Japanese Tea Culture	3	ASIA 276	The Modern Middle East	3
ASIA 64	First-Year Seminar: Arab World Photography	3	ASIA 277	The Conflict over Israel/Palestine	3
ASIA 67	First-Year Seminar: Japanese Fashion: History and Culture <sup>H</sup>	3	ASIA 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA 106	Israeli Popular Culture: The Case of Music	3	ASIA 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
ASIA 122	Introduction to Iranian Culture	3	ASIA 282	China in the World	3
ASIA 124	Iranian Post-1979 Cinema	3	ASIA 284	The Buddhist Tradition: East Asia	3
ASIA 126	Introduction to Persian Literature	3	ASIA 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA 127	Iranian Women Writers	3	ASIA 287	Japan's Modern Revolution	3
ASIA 131	Southeast Asia to the Early 19th Century	3	ASIA 288	Japan in the 20th Century	3
ASIA 133	Introduction to Chinese History	3	ASIA 300	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 134	Modern East Asia	3	ASIA 301	Premodern Japanese Religions	3
ASIA 135	History of the Indian Subcontinent to 1750	3	ASIA 302	Modern Japanese Religions	3
ASIA 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3	ASIA 303	Chinese Religions	3
ASIA 138	History of Muslim Societies to 1500	3	ASIA 304	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
ASIA 139	History of Muslim Societies since 1500	3	ASIA 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
ASIA 150	Asia: An Introduction	3	ASIA 331	Cracking India: Partition and Its Legacy in South Asia	3
ASIA 151	Literature and Society in Southeast Asia	3	ASIA 332	The Story of Rama in India	3
ASIA 152	Survey of South Asian Cultural History	3	ASIA 357	The Arab-Jews: Culture, Community, and Coexistence	3
ASIA 153	Introduction to South Asian Art	3	ASIA 359	Literary Diasporas of the Middle East	3
ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3	ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	3
ASIA 163	Hindi-Urdu Poetry in Performance	3	ASIA 382	The Story of Rama in Indian Culture—Experiential	3
ASIA 164	Music of South Asia	3	ASIA 383	The Mahabharata: Remembered and Reimagined—Experiential	3
ASIA 180	Introduction to Islamic Civilization	3	ASIA 384	Religion and Globalization in Southeast Asia	3
ASIA 181	Modern Muslim Societies	3	ASIA 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA 183	Asian Religions	3	ASIA 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3			



ASIA 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	CHIN 551	Chinese Poetry in Translation	3
ASIA 429	Culture and Power in Southeast Asia	3	CHIN 552	Chinese Prose in Translation	3
ASIA 435	The Cinemas of the Middle East and North Africa	3	CHIN 562	Contemporary Chinese Urban Culture and Arts	3
ASIA 436	Language, Exile, and Homeland in Zionist Thought and Practice	3	CHIN 563	Post-Mao Chinese Literature in Translation	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3	CLAR 50	First-Year Seminar: Art in the Ancient City <sup>H</sup>	3
ASIA 468	Visual Arts and Culture in Modern and Contemporary China	3	CLAR 110	The Archaeology of Palestine in the New Testament Period	3
ASIA 482	Sex, Gender, and Religion in South Asia	3	CLAR 241	Archaeology of Ancient Near East	3
ASIA 483	Cross-Currents in East-West Literature	3	CLAR 242	Archaeology of Egypt	3
ASIA 487	Mountains, Pilgrimage, and Sacred Places in Japan	3	CLAR 480	Egypt after the Pharaohs	3
ASIA 488	Shinto in Japanese History	3	CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages	3
ASIA 489	Animals in Japanese Religion	3	CLAR 512	Ancient Synagogues	3
ASIA 537	Women in the Middle East	3	CLAR 561	Mosaics: The Art of Mosaic in Greece, Rome, and Byzantium	3
ASIA 545	The Politics of Culture in East Asia	3	CLAS 71	First-Year Seminar: The Architecture of Empire <sup>H</sup>	3
ASIA 556	Gender in Indian History	3	CLAS 73	First-Year Seminar: Life in Ancient Pompeii <sup>H</sup>	3
ASIA 557	Bandits, Rebels and Storytellers: Fiction and History in India	3	CMPL 198H	Literature in Eastern Europe	3
ASIA 574	Chinese World Views	3	CMPL 252	Popular Culture in Modern Southeast Asia	3
ASIA 578	Chinese Diaspora in the Asia Pacific	3	CMPL 258	Iranian Prison Literature	3
ASIA 581	Sufism	3	CMPL 281	Holocaust Cinema in Eastern Europe	3
ASIA 582	Islam and Islamic Art in South Asia	3	CMPL 282	Russian Literature in World Cinema	3
ASIA 583	Religion and Culture in Iran, 1500-Present	3	CMPL 359	Literary Diasporas of the Middle East	3
ASIA 584	The Qur'an as Literature	3	CMPL 469	Milan Kundera and World Literature	3
ASIA 586	The Gardens, Shrines, and Temples of Japan	3	CMPL 483	Cross-Currents in East-West Literature	3
ASIA 682	Contemporary Chinese Society	3	COMM 386	Dance and Embodied Knowledge in the Indian Context	3
BCS 405	Advanced Bosnian-Croatian-Serbian Language I	3	COMM 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
BCS 406	Advanced Bosnian-Croatian-Serbian Language II	3	CZCH 280	Closely Watched Trains: Czech Film and Literature	3
BCS 411	Introduction to South Slavic Literatures and Cultures	3	CZCH 411	Introduction to Czech Literature	3
CHIN 150	Introduction to Chinese Civilization	3	CZCH 469	Milan Kundera and World Literature	3
CHIN 231	Chinese Literature in Translation through the T'ang	3	DRAM 117	Perspectives in World Drama <sup>H</sup>	3
CHIN 232	Chinese Literature in Translation since the Sung	3	DRAM 291	Re-Playing Shakespeare in East Asia	3
CHIN 242	Chinese Qin Music	3	DRAM 298	African Women in Theatre	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3	DRAM 475	Costume History: Africa, Asia, and Arabia <sup>H</sup>	3
CHIN 252	Introduction to Chinese Culture through Narrative	3	DRAM 486	Latin American Theatre	3
CHIN 253	Chinese Language and Society	3	ENEC 266	Contemporary Africa: Issues in Health, Population, and the Environment	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3	ENGL 240	Caribbean Literature	3
CHIN 354	Chinese Culture through Calligraphy	3	ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
CHIN 361	Chinese Traditional Theater	3	ENGL 386	Gender, Sexuality, and the South Asian Diaspora	3
CHIN 407	Readings in Modern Chinese I	3	ENGL 663	Postcolonial Theory	3
CHIN 408	Readings in Modern Chinese II	3	EURO 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
CHIN 442	Modern Chinese Society	3	FOLK 130	Anthropology of the Caribbean	3
CHIN 443	Business Communication in Chinese	3	FOLK 429	Culture and Power in Southeast Asia	3
CHIN 463	Narrative Ethics in Modern China	3	FREN 374	Survey of French Literature IV	3
CHIN 464	The City in Modern Chinese Literature and Film	3	FREN 375	Francophone Literature and Film	3
CHIN 510	Introduction to Classical Chinese	3	FREN 505	African Francophone Cinema	3
CHIN 511	Literary Chinese	3	FREN 555	Crossing Gazes: Multidirectional and Conflicting Memories of Algeria	3
CHIN 525	Ancient Philosophers and Their Modern Reincarnation	3			

GEOG 59	First-Year Seminar: Space, Identity, and Power in the Middle East	3	HIST 166	History of Afghanistan	3
GEOG 64	First-Year Seminar: Vietnam	3	HIST 174H	Honors Seminar in African, Asian, and Middle Eastern History	3
GEOG 259	Geography of Latin America	3	HIST 175H	Honors Seminar in Latin American History	3
GEOG 266	People and Environment in Southeast Asia	3	HIST 176H	Honors Seminar in Russian, Eurasian, and Eastern European History	3
GEOG 267	South Asia	3	HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3
GEOG 268	Geography of Africa	3	HIST 242	United States-Latin American Relations	3
GEOG 269	Human-Environment Interactions in the Galapagos Islands	3	HIST 247	Early Modern Japanese History and Culture	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3	HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	3
GLBL 281	Phillips Ambassadors Program	3	HIST 264	Gender in Russian History	3
GLBL 413	Capitalism and Climate in the Anthropocene, 1500-present	3	HIST 272	Contemporary India, Pakistan, and Bangladesh	3
GLBL 489	Paradigms of Development and Social Change	3	HIST 274	History of the Ottoman Empire, 1300-1923	3
GSLI 80	Not Just Dogs: Animals in Russian Literature	3	HIST 276	The Modern Middle East	3
GSLI 84	First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3	HIST 277	The Conflict over Israel/Palestine	3
GSLI 88H	First-Year Seminar: Gender and Fiction in Central and Eastern Europe	3	HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
GSLI 252	South Africa in Literary Perspective	3	HIST 279	Modern South Africa <sup>H</sup>	3
GSLI 271	Vampires and Empires	3	HIST 280	Women and Gender in Latin American History	3
GSLI 281	Holocaust Cinema in Eastern Europe	3	HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
GSLI 283	Hungarian Cinema since World War II	3	HIST 284	Late Imperial China	3
GSLI 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3	HIST 285	20th-Century China	3
GSLI 467	Language and Political Identity	3	HIST 287	Japan's Modern Revolution	3
HIST 51	First-Year Seminar: Latin American Revolutions	3	HIST 288	Japan in the 20th Century	3
HIST 52	First-Year Seminar: Conflicts over Israel/Palestine	3	HIST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3
HIST 62	First-Year Seminar: Nations, Borders, and Identities	3	HIST 313	Women and the Law in Africa and the Middle East	3
HIST 63	First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3	HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
HIST 64	First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3	HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3	HIST 335	Cracking India: Partition and Its Legacy in South Asia	3
HIST 83	First-Year Seminar: African History through Popular Music	3	HIST 340	Ethics and Business in Africa <sup>H</sup>	3
HIST 130	Modern African History	3	HIST 370	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
HIST 131	Southeast Asia to the Early 19th Century	3	HIST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3
HIST 133	Introduction to Chinese History	3	HIST 477	Revolution in Russia, 1900-1930	3
HIST 134	Modern East Asia	3	HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 135	History of the Indian Subcontinent to 1750	3	HIST 480	Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3	HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 138	History of Muslim Societies to 1500	3	HIST 482	Russia, Eurasian Empire	3
HIST 139	History of Muslim Societies since 1500	3	HIST 483	Nation and Religion in Russia: Orthodoxy, Islam, and Judaism	3
HIST 140	The World since 1945	3	HIST 484	Islam in Tsarist and Soviet Russia	3
HIST 142	Latin America under Colonial Rule	3	HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HIST 143	Latin America since Independence	3	HIST 526	History of the Andes	3
HIST 161	Russia Becomes an Empire	3	HIST 527	Latin American Indigenous Peoples	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3	HIST 528	Guerrillas and Counterinsurgencies in Latin America	3
HIST 163	Modern Central Asia	3			

HIST 529	Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation	3	JWST 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
HIST 533	History of Brazil	3	JWST 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
HIST 534	The African Diaspora	3	JWST 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
HIST 535	Women and Gender in African History	3	JWST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3
HIST 537	Women in the Middle East	3	JWST 357	The Arab-Jews: Culture, Community, and Coexistence	3
HIST 550	Gender in Chinese History	3	JWST 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
HIST 556	Gender in Indian History	3	JWST 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
HIST 557	Bandits, Rebels and Storytellers: Fiction and History in India	3	JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
HNUR 305	Advanced Hindi-Urdu I	3	JWST 464	Imagined Jews: Jewish Themes in Polish and Russian Literature	3
HNUR 306	Advanced Hindi-Urdu II	3	JWST 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
HNUR 407	South Asian Society and Culture	3	JWST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3
HNUR 408	South Asian Media and Film	3	JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HNUR 409	Sex and Social Justice in South Asia	3	JWST 512	Ancient Synagogues	3
HNUR 410	Seminar on the Urdu-Hindi Ghazal	3	KOR 150	History, Memory, and Reality in Contemporary Korea	3
HNUR 411	Health and Medicine in South Asia	3	KOR 151	Education and Social Changes in Contemporary Korea	3
HNUR 592	Religious Conflict and Literature in India	3	KOR 407	Modern Korean Literature and Culture	3
HUNG 411	Introduction to Hungarian Literature	3	KOR 408	Changes and Continuities in Korean History	3
JAPN 150	Introduction to Japanese Culture	3	LING 165	Exploring the World's Languages	3
JAPN 160	Introduction to Japanese Literature in Translation	3	LING 305	Race against Time: Language Revitalization	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3	LING 560	Mesoamerican Languages and Linguistics	3
JAPN 162	Japanese Popular Culture	3	LTAM 101	Introduction to Latin American Studies	3
JAPN 246	Early Modern Japanese History and Culture	3	LTAM 697	Capstone Seminar	3
JAPN 261	Japanese Theater	3	MUSC 146	Introduction to World Musics	3
JAPN 306	Advanced Japanese II	3	MUSC 164	Music of South Asia	3
JAPN 363	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3	MUSC 234	World Musics in Theory and Practice	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3	MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
JAPN 381	Women and Work in Japan	3	MUSC 245	Dance in Indonesia	3
JAPN 384	Women Writers in Japanese Society	3	MUSC 292	Media and Social Change in Africa	3
JAPN 408	Japanese Journalism	3	PHIL 213	Asian Philosophy	3
JAPN 409	Japanese Modernism	3	PLCY 60	First-Year Seminar: Understanding Poverty	3
JAPN 410	Topics in Contemporary Japanese Literature	3	PLSH 280	The Modern Cinema of Poland	3
JAPN 411	Food and Culture in Japan	3	PLSH 405	Advanced Polish I	3
JAPN 412	Making Music in Japan	3	PLSH 406	Advanced Polish II	3
JAPN 413	Fashioning Japan: Gender, Nation, and Dress	3	PLSH 411	19th-Century Polish Literature and Culture	3
JAPN 417	Japanese Culture through Film and Literature	3	PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3	POLI 55	First-Year Seminar: Democracy and the Civic Ideal	3
JAPN 521	Investigating Japanese Culture through TV Dramas	3	POLI 57	First-Year Seminar: Democratic Governance in Contemporary Latin America	3
JWST 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	3	POLI 130	Introduction to Comparative Politics <sup>H</sup>	3
JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3	POLI 131	Political Change and Modernization	3
JWST 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3			
JWST 106	Introduction to Early Judaism	3			
JWST 110	The Archaeology of Palestine in the New Testament Period	3			
JWST 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3			

POLI 235	The Politics of Russia and Eurasia <sup>H</sup>	3	RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3	RELI 75	First-Year Seminar: Sacrifice and Surrender	3
POLI 237	The Politics of China	3	RELI 102	World Religions	3
POLI 238	Contemporary Latin American Politics <sup>H</sup>	3	RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
POLI 260	Crisis and Change in Russia and Eastern Europe	3	RELI 104	Introduction to the New Testament <sup>H</sup>	3
POLI 431	African Politics and Societies	3	RELI 106	Introduction to Early Judaism	3
POLI 434	Politics of Mexico	3	RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3	RELI 110	The Archaeology of Palestine in the New Testament Period	3
POLI 436	Democracy and Development in Latin America (Spanish)	3	RELI 117	Culture of the Ancient Near East	3
POLI 437	Political Change in Asia	3	RELI 151	Religion in Latin America	3
POLI 441	Israeli Politics and Society	3	RELI 180	Introduction to Islamic Civilization	3
POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3	RELI 181	Modern Muslim Societies	3
POLI 452	Africa and International Conflict	3	RELI 183	Asian Religions	3
PORT 316	Brazilian Performance in Music and Dance: Capoeira	3	RELI 184	East Asian Religions: The Religions of East Asia and the Environment	3
PORT 370	Modern Brazil through Literature and Film in Translation	3	RELI 185	Women/Gender/Islam <sup>H</sup>	3
PORT 375	Portuguese and Brazilian Fiction in Translation	3	RELI 205	Sacrifice in the Ancient World <sup>H</sup>	3
PORT 382	Women Writers: Brazil and Beyond	3	RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
PORT 385	Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	3	RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
PORT 387	Brazilian Religious Movements through Film and Literature	3	RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3	RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
PORT 420	Portuguese Language and Culture for the Professions	3	RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
PRSN 305	Persian Short Stories	3	RELI 284	The Buddhist Tradition: East Asia	3
PRSN 306	Persian Language through Literature, Film, and Media	3	RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
PWAD 134	Modern East Asia	3	RELI 286	Premodern Japanese Religions	3
PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	RELI 287	Modern Japanese Religions	3
PWAD 260	Crisis and Change in Russia and Eastern Europe	3	RELI 288	Chinese Religions	3
PWAD 277	The Conflict over Israel/Palestine	3	RELI 289	Muhammad and the Qur'an	3
PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3	RELI 345	Black Atlantic Religions <sup>H</sup>	3
PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3	RELI 381	Religions of South Asia	3
PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	3	RELI 382	The Story of Rama in Indian Culture—Experiential	3
PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
PWAD 435	The Cinemas of the Middle East and North Africa	3	RELI 384	Religion and Globalization in Southeast Asia	3
PWAD 452	Imagining Palestine	3	RELI 385	Modern Muslims and the Qur'an	3
PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3	RELI 386	Dance and Embodied Knowledge in the Indian Context	3
PWAD 467	Language and Political Identity	3	RELI 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
PWAD 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3	RELI 413	Biblical Coptic and Early Egyptian Monasticism	3
PWAD 481	Religion, Fundamentalism, and Nationalism	3	RELI 426	The Sacrifice of Abraham <sup>H</sup>	3
PWAD 528	Guerrillas and Counterinsurgencies in Latin America	3	RELI 427	Spirit Possession	3
RELI 64	First-Year Seminar: Reintroducing Islam	3	RELI 465	Monotheistic Mysticism	3
			RELI 480	Modern Muslim Literatures	3
			RELI 481	Religion, Fundamentalism, and Nationalism	3
			RELI 482	Sex, Gender, and Religion in South Asia	3
			RELI 485	Gender and Sexuality in Islam	3



RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3	RUSS 514	Russian Culture in Transition II	3
RELI 488	Shinto in Japanese History	3	SLAV 101	Introduction to Slavic Civilizations: Peasants, Popes, and Party Hacks	3
RELI 489	Animals in Japanese Religion	3	SLAV 248	Childhood and Adolescence in Slavic Literature <sup>H</sup>	3
RELI 501	The History of the Bible in Modern Study	3	SLAV 250	Introduction to Non-Russian Slavic/East European Culture	3
RELI 504	Readings in Hebrew Bible	3	SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature	3
RELI 512	Ancient Synagogues	3	SLAV 470	20th-Century Russian and Polish Theater	3
RELI 574	Chinese World Views	3	SOCI 60	First-Year Seminar: Sociology of the Islamic World	3
RELI 581	Sufism	3	SOCI 260	Crisis and Change in Russia and Eastern Europe	3
RELI 582	Islam and Islamic Art in South Asia	3	SOCI 418	Contemporary Chinese Society	3
RELI 583	Religion and Culture in Iran, 1500-Present	3	SOCI 419	Sociology of the Islamic World	3
RELI 584	The Qur'an as Literature	3	SOCI 450	Theory and Problems of Developing Societies	3
RELI 585	Religion and Culture of Turkey	3	SOCI 453	Social Change in Latin America	3
RELI 586	Women and Gender in Japanese Religions	3	SPAN 252	Argentine Jewish Culture	3
RELI 592	Religious Conflict and Literature in India	3	SPAN 344	Latin@ American Cultural Topics	3
ROML 660	Film and Culture in Brazil and Spanish America	3	SPAN 374	Mesoamerica through Its Native Literatures	3
ROML 665	Reading Latin American Film and Photography	3	SPAN 386	Literature and Politics in Central America	3
RUSS 270	Crimes and Punishments: Russian Literature of the 19th Century	3	SPAN 387	Eroticism in Contemporary Latin American Literature	3
RUSS 273	Russian Culture and Society: 1890-1917	3	SPAN 625	Indigenous Literatures and Cultures of the Américas	3
RUSS 274	Russian Literature from the Revolution to Today	3	SPAN 683	Guaraní Linguistics	3
RUSS 275	Russian Fairy Tale	3	WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
RUSS 276	Mystery and Suspense in Russian Literature	3	WGST 127	Iranian Women Writers	3
RUSS 277	Love, Sex, and Marriage in Soviet Culture	3	WGST 200	Gender and Sexuality in Africa	3
RUSS 278	Russian and Soviet Science Fiction	3	WGST 222	Prehistoric Art	3
RUSS 280	Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds	3	WGST 264	Gender in Russian History	3
RUSS 282	Russian Literature in World Cinema	3	WGST 280	Women and Gender in Latin American History	3
RUSS 409	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I	3	WGST 313	Women and the Law in Africa and the Middle East	3
RUSS 410	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II	3	WGST 337	African Gender History	3
RUSS 415	Introduction to Russian Literature	3	WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
RUSS 445	19th Century Russian Literature and Culture	3	WGST 381	Women and Work in Japan	3
RUSS 450	The Russian Absurd: Text, Stage, Screen	3	WGST 384	Women Writers in Japanese Society	3
RUSS 455	20th-Century Russian Literature and Culture	3	WGST 388	The International Politics of Sexual and Reproductive Health	3
RUSS 460	Russian Short Story	3	WGST 410	Comparative Queer Politics	3
RUSS 463	Russian Drama: From Classicism to Modernism	3	WGST 482	Sex, Gender, and Religion in South Asia	3
RUSS 464	Dostoevsky	3	WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
RUSS 465	Chekhov	3	WGST 537	Women in the Middle East	3
RUSS 469	Bulgakov	3			
RUSS 471	Gogol	3			
RUSS 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3			
RUSS 479	Tolstoy	3			
RUSS 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3			
RUSS 511	Russian Mass Media I	3			
RUSS 512	Russian Mass Media II	3			
RUSS 513	Russian Culture in Transition I	3			

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### World before 1750 (WB), One Course

Courses in this category introduce students to periods and places that differ significantly from the modern world but whose histories influenced the shape of contemporary civilizations in ways both subtle and profound.

Code	Title	Hours	ARTH 361	Saints in Medieval Art	3
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3	ARTH 362	Early Christian Art and Modern Responses	3
AAAD 298	Blacks in British North America to 1833	3	ARTH 363	Envisioning Buddhism in Medieval China	3
AMST 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3	ARTH 365	Late Medieval Art	3
ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3	ARTH 368	The Renaissance Portrait	3
ANTH 121	Ancient Cities of the Americas	3	ARTH 400	German and Netherlandish Renaissance	3
ANTH 145	Introduction to World Prehistory	3	ARTH 464	Greek Architecture	3
ANTH 149	Great Discoveries in Archaeology	3	ARTH 465	Architecture of Etruria and Rome	3
ANTH 222	Prehistoric Art	3	ARTH 467	Celtic Art and Cultures	3
ANTH 231	Archaeology of South America	3	ARTH 470	The Moving Image in the Middle Ages	3
ANTH 233	Prehistory of Southwest Asia and Egypt: From the Earliest Humans to the Rise of Civilization	3	ARTH 474	Roman Sculpture	3
ANTH 250	Archaeology of North America <sup>H</sup>	3	ARTH 475	Icons and Idols: Debates in Medieval Art	3
ANTH 252	Archaeology of Food	3	ARTH 476	Roman Painting	3
ANTH 377	European Societies	3	ARTH 562	Islamic Urbanism	3
ANTH 411	Laboratory Methods in Archaeology <sup>H</sup>	3	ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6	ASIA 131	Southeast Asia to the Early 19th Century	3
ANTH 452	The Past in the Present	3	ASIA 135	History of the Indian Subcontinent to 1750	3
ANTH 453	Field School in South American Archaeology <sup>H</sup>	6	ASIA 138	History of Muslim Societies to 1500	3
ANTH 457	Perspectives in Historical Archaeology	3	ASIA 152	Survey of South Asian Cultural History	3
ANTH 458	Archaeology of Sex and Gender	3	ASIA 153	Introduction to South Asian Art	3
ANTH 550	Archaeology of the American South	3	ASIA 158	Introduction to East Asian Art and Architecture	3
ANTH 551	Origins of Agriculture in the Ancient World	3	ASIA 180	Introduction to Islamic Civilization	3
ARTH 51	First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	3	ASIA 183	Asian Religions	3
ARTH 52	First-Year Seminar: Celts--Druid Culture <sup>H</sup>	3	ASIA 256	Love in Classical Persian Poetry	3
ARTH 111	Art and Death	3	ASIA 266	Arts of Early & Medieval Asia	3
ARTH 150	World Art <sup>H</sup>	3	ASIA 273	Arts Under the Mughal Dynasty in India	3
ARTH 151	History of Western Art I <sup>H</sup>	3	ASIA 284	The Buddhist Tradition: East Asia	3
ARTH 153	Introduction to South Asian Art	3	ASIA 301	Premodern Japanese Religions	3
ARTH 158	Introduction to East Asian Art and Architecture	3	ASIA 303	Chinese Religions	3
ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3	ASIA 333	The Mahabharata: Remembered and Reimagined	3
ARTH 200	Art and Fashion from Rome to Timbuktu	3	ASIA 488	Shinto in Japanese History	3
ARTH 258	Chinese Art and Culture: from Han to Tang	3	ASIA 522	The Beauty and the Power of the Classical Indian World	3
ARTH 263	Roman Art	3	ASIA 555	Religion, Coexistence, and Conflict in Medieval India	3
ARTH 266	Arts of Early & Medieval Asia	3	ASIA 581	Sufism	3
ARTH 268	Hellenistic Art and Archaeology (350-31 BCE)	3	ASIA 582	Islam and Islamic Art in South Asia	3
ARTH 269	Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	3	ASIA 583	Religion and Culture in Iran, 1500-Present	3
ARTH 270	Early Renaissance Art in Italy	3	ASTR 61	First-Year Seminar: The Copernican Revolution	3
ARTH 271	High Renaissance Art in Italy	3	ASTR 105	Time, Tides, and the Measurement of the Cosmos <sup>H</sup>	3
ARTH 273	Arts Under the Mughal Dynasty in India	3	ASTR 205	The Medieval Foundations of Modern Cosmology	3
ARTH 274	European Baroque Art	3	CHIN 150	Introduction to Chinese Civilization	3
ARTH 277	Art and Architecture of Viceregal Latin America	3	CHIN 252	Introduction to Chinese Culture through Narrative	3
ARTH 279	The Arts in England, 1450-1650	3	CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
ARTH 340	Art and Interchange in Medieval Iberia	3	CHIN 356	Chinese Environmental Literature	3
ARTH 351	Crusader Art	3	CHIN 361	Chinese Traditional Theater	3
ARTH 360	The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times	3	CHIN 367	Illustration and the Animation of Text	3
			CHIN 510	Introduction to Classical Chinese	3
			CHIN 511	Literary Chinese	3
			CHIN 531	The Chinese Zither in Poetry and Painting	3

CLAR 50	First-Year Seminar: Art in the Ancient City <sup>H</sup>	3	CLAS 259	Pagans and Christians in the Age of Constantine	3
CLAR 110	The Archaeology of Palestine in the New Testament Period	3	CLAS 263	Athletics in the Greek and Roman World <sup>H</sup>	3
CLAR 120	Ancient Cities <sup>H</sup>	3	CLAS 362	Greek Tragedy <sup>H</sup>	3
CLAR 200	Art and Fashion from Rome to Timbuktu	3	CLAS 363	Latin and Greek Lyric Poetry in Translation	3
CLAR 241	Archaeology of Ancient Near East	3	CLAS 364	The Classical Background of English Poetry <sup>H</sup>	3
CLAR 242	Archaeology of Egypt	3	CLAS 371	Cicero, Caesar, and the End of the Roman Republic	3
CLAR 243	Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3	CLAS 391	Junior Seminar	3
CLAR 244	Greek Archaeology	3	CLAS 409	Historical Literature Greek and Roman	3
CLAR 245	Archaeology of Italy	3	CLAS 415	Roman Law <sup>H</sup>	3
CLAR 246	History of Early Christian and Byzantine Art	3	CMPL 120	Great Books I: Epic and Lyric Traditions	3
CLAR 247	Roman Archaeology	3	CMPL 121	Great Books I: Romancing the World <sup>H</sup>	3
CLAR 263	Roman Art	3	CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3
CLAR 268	Hellenistic Art and Archaeology (350-31 BCE)	3	CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3
CLAR 375	Archaeology of Cult	3	CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3
CLAR 380	Life in Ancient Pompeii	3	CMPL 223	Global Authors: Cervantes	3
CLAR 464	Greek Architecture	3	CMPL 227	Global Authors: The Middle Ages in World Cinema	3
CLAR 465	Architecture of Etruria and Rome	3	CMPL 256	Love in Classical Persian Poetry	3
CLAR 474	Roman Sculpture	3	CMPL 277	Myth, Fable, Novella: The Long History of the Short Story <sup>H</sup>	3
CLAR 475	Frontiers and Provinces of the Roman Empire	3	CMPL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3
CLAR 476	Roman Painting	3	CMPL 364	The Classical Background of English Poetry <sup>H</sup>	3
CLAR 480	Egypt after the Pharaohs	3	CMPL 452	The Middle Ages	3
CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages	3	CMPL 453	The Erotic Middle Ages	3
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	3	CMPL 454	Literature of the Continental Renaissance in Translation <sup>H</sup>	3
CLAR 512	Ancient Synagogues	3	CMPL 470	Concepts and Perspectives of the Tragic	3
CLAS 51	First-Year Seminar: Greek Drama from Page to Stage	3	CMPL 471	Classical Rhetoric and Modern Theory	3
CLAS 55	First-Year Seminar: Three Greek and Roman Epics <sup>H</sup>	3	CMPL 473	Drama, Pageantry, and Spectacle in Medieval Europe	3
CLAS 56	First-Year Seminar: Women and Men in Euripides	3	CMPL 478	The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights	3
CLAS 58	First-Year Seminar: What's So Funny? Women and Comedy from Athens to Hollywood	3	CMPL 487	Literature and the Arts of Love	3
CLAS 61	First-Year Seminar: Writing the Past	3	CMPL 558	The Lives and Times of Medieval Corpses	3
CLAS 62	First-Year Seminar: Barbarians in Greek and Roman Culture	3	CMPL 563	Studies in the Anglo-French Renaissance	3
CLAS 63	First-Year Seminar: The Politics of Persuasion in the Ancient and Modern Worlds	3	CMPL 621	Arthurian Romance	3
CLAS 67	First-Year Seminar: Helen of Troy: From Homer to Hollywood	3	CMPL 622	Medieval Cosmopolitanisms	3
CLAS 71	First-Year Seminar: The Architecture of Empire <sup>H</sup>	3	CMPL 624	The Baroque	3
CLAS 73	First-Year Seminar: Life in Ancient Pompeii <sup>H</sup>	3	DRAM 281	Theatre History and Literature I	3
CLAS 121	The Greeks <sup>H</sup>	3	ENGL 74	First-Year Seminar: Epic/Anti-Epic in Western Literature	3
CLAS 122	The Romans <sup>H</sup>	3	ENGL 85	First-Year Seminar: Economic Saints and Villains <sup>H</sup>	3
CLAS 123	Summer Study Abroad in Greece	3	ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	3
CLAS 131	Classical Mythology <sup>H</sup>	3	ENGL 225	Shakespeare <sup>H</sup>	3
CLAS 231	The Theater in the Greek and Roman World	3	ENGL 226	Renaissance Drama <sup>H</sup>	3
CLAS 240	Women in Greek Art and Literature <sup>H</sup>	3	ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	3
CLAS 241	Women in Ancient Rome <sup>H</sup>	3	ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3
CLAS 242	Sex and Gender in Antiquity	3	ENGL 230	Milton <sup>H</sup>	3
CLAS 253	The Age of Pericles <sup>H</sup>	3	ENGL 285	Classical Backgrounds in English Literature	3
CLAS 257	The Age of Augustus <sup>H</sup>	3	ENGL 314	History of the English Language	3
CLAS 258	The Age of the Early Roman Empire	3	ENGL 319	Introduction to Medieval English Literature, excluding Chaucer <sup>H</sup>	3

ENGL 320	Chaucer <sup>H</sup>	3	HIST 161	Russia Becomes an Empire	3
ENGL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3	HIST 177H	Honors Seminar in Early European History	3
ENGL 325	Shakespeare and His Contemporaries <sup>H</sup>	3	HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3
ENGL 326	Renaissance Genres	3	HIST 225	History of Greece	3
ENGL 327	Renaissance Literature and Its Intellectual Contexts	3	HIST 226	History of Rome	3
ENGL 331	18th-Century Literature <sup>H</sup>	3	HIST 228	The Medieval Expansion of Europe	3
ENGL 332	18th-Century Drama <sup>H</sup>	3	HIST 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
ENGL 333	18th-Century Fiction <sup>H</sup>	3	HIST 253	Art and Power in Early Modern Europe <sup>H</sup>	3
ENGL 377	Introduction to the Celtic Cultures	3	HIST 254	War and Society in Early Modern Europe	3
ENGL 430	Renaissance Literature—Contemporary Issues	3	HIST 255	Manor to Machine: The Economic Shaping of Europe	3
ENGL 448	Philosophies of Life from Classical Antiquity to 1800	3	HIST 271	Premodern Japanese History and Culture	3
ENGL 619	Survey of Old and Middle English Literature	3	HIST 308	The Renaissance and the Jews	3
ENGL 620	Introduction to Old English Language and Literature	3	HIST 309	Old Regime France, 1661-1787	3
ENGL 621	Arthurian Romance	3	HIST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>	3
ENGL 630	Shakespeare and His Contemporaries	3	HIST 345	Comparative Strategies of Empire	3
FOLK 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3	HIST 370	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
FREN 387	Paris/Versailles: The Court and the City in the 17th Century	3	HIST 421	Alexander	3
FREN 554	Writing the Mediterranean	3	HIST 422	Ancient Greek Warfare <sup>H</sup>	3
FREN 563	Studies in the Anglo-French Renaissance	3	HIST 423	Archaic Greece, 800-480 BCE	3
GERM 210	Getting Medieval: Knights, Violence, and Romance	3	HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
GERM 211	Concepts in Medieval Culture	3	HIST 425	Roman History, 154 BCE-14 CE	3
GERM 216	The Viking Age	3	HIST 427	The Early Roman Empire, 14 CE-193 CE	3
GERM 220	Women in the Middle Ages	3	HIST 428	The Later Roman Empire, 193 CE-378 CE	3
GERM 227	Luther and the Bible	3	HIST 429	Ancient Sexuality	3
GERM 310	Höfische Kultur/Courtly Culture	3	HIST 431	The Medieval Church	3
GERM 311	The Crusades	3	HIST 432	The Crusades	3
GERM 325	Fools and Laughter in Early Modern German Literature	3	HIST 434	Medieval England	3
GREK 221	Advanced Greek I	3	HIST 435	The Medieval University	3
GREK 352	Greek Poetry	3	HIST 436	Medieval Theology, Gender, and the Body	3
GSSL 53	First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3	HIST 437	Aristocratic Culture in the Central Middle Ages	3
GSSL 55	First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars	3	HIST 438	Medieval Masculinities, 500-1200 <sup>H</sup>	3
GSSL 58	First-Year Seminar: Love in the Middle Ages	3	HIST 451	1492: The Expulsion of the Jews from Spain	3
GSSL 212	"Game of Thrones" and the Worlds of the European Middle Ages	3	HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
GSSL 218	Christianity and Islam in the Middle Ages	3	HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
GSSL 225	Popular and Pious: Early Modern Jewish Literature	3	HIST 460	Late Medieval and Reformation Germany	3
HIST 76	First-Year Seminar: Understanding 1492	3	HIST 461	Early Modern Germany, 1600-1815	3
HIST 106	Ancient History	3	HIST 555	Religion, Coexistence, and Conflict in Medieval India	3
HIST 107	Medieval History	3	HIST 561	The American Colonial Experience	3
HIST 108	Introduction to Early Medieval History 500-1050	3	ITAL 240	Dante in English Translation	3
HIST 131	Southeast Asia to the Early 19th Century	3	ITAL 241	Italian Renaissance Literature in Translation	3
HIST 135	History of the Indian Subcontinent to 1750	3	ITAL 330	Italian Civilization I	3
HIST 138	History of Muslim Societies to 1500	3	ITAL 346	Women Writers in Early Modern Italy	3
HIST 151	European History to 1650	3	ITAL 359	Medieval Frauds: Fake News, Counterfeits, and Forgeries	3
HIST 153	From the Bible to Broadway: Jewish History to Modern Times	3	ITAL 370	Survey of Italian Literature I	3
HIST 158	Early Modern European History, 1450-1815	3	JAPN 231	Premodern Japanese History and Culture	3



JAPN 363	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3	RELI 63	First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
JWST 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3	RELI 65	First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
JWST 106	Introduction to Early Judaism	3	RELI 78	First-Year Seminar: Reading the Bible: Now and Then	3
JWST 110	The Archaeology of Palestine in the New Testament Period	3	RELI 80	First-Year Seminar: Religion and Writing in the Ancient World	3
JWST 153	From the Bible to Broadway: Jewish History to Modern Times	3	RELI 88	First-Year Seminar: Religion and Society in Historical Novels	3
JWST 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3	RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
JWST 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3	RELI 105	Religions of the Greco-Roman World	3
JWST 225	Popular and Pious: Early Modern Jewish Literature	3	RELI 106	Introduction to Early Judaism	3
JWST 308	The Renaissance and the Jews	3	RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
JWST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>	3	RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
JWST 451	1492: The Expulsion of the Jews from Spain	3	RELI 110	The Archaeology of Palestine in the New Testament Period	3
JWST 512	Ancient Synagogues	3	RELI 117	Culture of the Ancient Near East	3
JWST 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
LATN 205	Medieval Latin	3	RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3
LATN 221	Vergil	3	RELI 165	Mysticism <sup>H</sup>	3
LATN 223	Ovid	3	RELI 180	Introduction to Islamic Civilization	3
LATN 332	Roman Comedy	3	RELI 183	Asian Religions	3
LATN 335	Roman Elegy	3	RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
LATN 353	Satire (Horace and Juvenal)	3	RELI 205	Sacrifice in the Ancient World <sup>H</sup>	3
LING 444	Origin and Evolution of Human Language	3	RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
LING 678	History of the Spanish Language	3	RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3
MUSC 55H	First-Year Seminar: A Love Affair in Renaissance Drama and Music	3	RELI 208	The Birth of Christianity	3
MUSC 56	First-Year Seminar: Early-Modern Court Spectacle	3	RELI 209	Varieties of Early Christianity <sup>H</sup>	3
MUSC 57	First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism	3	RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
MUSC 251	Studies in Medieval and Early Modern Music	3	RELI 217	Gnosticism <sup>H</sup>	3
MUSC 254	Studies in Music History I, Antiquity to 1750	3	RELI 218	Christianity and Islam in the Middle Ages	3
PHIL 51	First-Year Seminar: Who Was Socrates?	3	RELI 227	Luther and the Bible	3
PHIL 54	First-Year Seminar: Thinking about Time	3	RELI 266	Medieval and Renaissance Christian Cultures	3
PHIL 210	Ancient Greek Philosophy <sup>H</sup>	3	RELI 284	The Buddhist Tradition: East Asia	3
PHIL 213	Asian Philosophy	3	RELI 286	Premodern Japanese Religions	3
PHIL 215	Medieval Philosophy	3	RELI 288	Chinese Religions	3
PHIL 220	17th and 18th Century Western Philosophy <sup>H</sup>	3	RELI 332	The Protestant Tradition <sup>H</sup>	3
PHIL 412	Plato	3	RELI 362	Mary in the Christian Tradition <sup>H</sup>	3
PHYS 61	First-Year Seminar: The Copernican Revolution	3	RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
POLI 270	Classical Political Thought <sup>H</sup>	3	RELI 375	Archaeology of Cult	3
PWAD 205	War, Diplomacy, and Statecraft, 1618-1815	3	RELI 413	Biblical Coptic and Early Egyptian Monasticism	3
PWAD 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3	RELI 450	Sexuality in Jewish Tradition and History	3
PWAD 254	War and Society in Early Modern Europe	3	RELI 465	Monotheistic Mysticism	3
PWAD 421	Alexander	3	RELI 488	Shinto in Japanese History	3
PWAD 422	Ancient Greek Warfare <sup>H</sup>	3	RELI 501	The History of the Bible in Modern Study	3
PWAD 432	The Crusades	3	RELI 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3
RELI 62	First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3	RELI 504	Readings in Hebrew Bible	3

RELI 512	Ancient Synagogues	3	AAAD 388	Global Black Feminisms and Women's Apocalyptic Writing	3
RELI 565	Medieval Jews and the Bible	3	AAAD 400	The Challenges of Democratic Governance in Africa	3
RELI 566	Islamic and Jewish Legal Literature	3	AAAD 405	Contemporary African Art	3
RELI 581	Sufism	3	AAAD 460	Race, Culture, and Politics in Brazil	3
RELI 582	Islam and Islamic Art in South Asia	3	AAAD 485	Transnational Black Feminist Thought and Practice	3
RELI 583	Religion and Culture in Iran, 1500-Present	3	AAAD 488	Human Rights and Democracy in African Diaspora Communities	3
RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	AERO 213	Air Power and Modern Warfare	3
RELI 603	The Bible and Its Translation	3	AERO 401	National Security Affairs and Preparation for Active Duty	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3	AMST 61	First-Year Seminar: Navigating the World through American Eyes	3
RELI 609	Christianity and Greco-Roman Culture	3	AMST 175	Introduction to Food Studies: From Science to Society	3
RELI 617	Death and Afterlife in the Ancient World	3	AMST 277	Globalization and National Identity <sup>H</sup>	3
RELI 665	Body and Suffering in Christian Mysticism	3	AMST 351	Global Waters, American Impacts, and Critical Connections	3
RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3	AMST 378	Nation Building and National Identity in Australia and the United States <sup>H</sup>	3
SLAV 101	Introduction to Slavic Civilizations: Peasants, Popes, and Party Hacks	3	AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
SPAN 678	History of the Spanish Language	3	ANTH 59	First-Year Seminar: The Right to Childhood: Global Efforts and Challenges	3
WGST 220	Women in the Middle Ages	3	ANTH 61	First-Year Seminar: Deep Economies	3
WGST 222	Prehistoric Art	3	ANTH 66H	First-Year Seminar: Saving the World? Humanitarianism in Action	3
WGST 240	Women in Greek Art and Literature <sup>H</sup>	3	ANTH 101	General Anthropology <sup>H</sup>	3
WGST 241	Women in Ancient Rome <sup>H</sup>	3	ANTH 103	Anthropology of Globalization	3
WGST 242	Sex and Gender in Antiquity	3	ANTH 125	Canine Cultures	3
WGST 362	Mary in the Christian Tradition <sup>H</sup>	3	ANTH 130	Anthropology of the Caribbean	3
WGST 450	Sexuality in Jewish Tradition and History	3	ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3
WGST 458	Archaeology of Sex and Gender	3	ANTH 147	Comparative Healing Systems	3
WGST 664	Body and Suffering in Christian Mysticism	3	ANTH 175	Introduction to Food Studies: From Science to Society	3
<p><sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.</p>			ANTH 210	Global Issues and Globalization	3
<p><b>Global Issues (GL), One Course</b></p> <p>Courses in global issues provide knowledge and understanding of transnational connections and global forces. Those forces involve interrelationships among cultures, societies, nations, and other social units, and they include processes such as migration, urbanization, trade, diplomacy, cultural adaptation, and information flow.</p>			ANTH 280	Anthropology of War and Peace	3
<b>Code</b>	<b>Title</b>	<b>Hours</b>	ANTH 306	Water and Inequality: Anthropological Perspectives	3
AAAD 53	First-Year Seminar: Experimentalism in Global Black Music and Performance Arts	3	ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
AAAD 54	First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging	3	ANTH 319	Global Health	3
AAAD 101	Introduction to Africa	3	ANTH 320	Anthropology of Development	3
AAAD 212	Africa in the Global System	3	ANTH 333	Anthropology of Democracy	3
AAAD 260	Blacks in Latin America	3	ANTH 361	Community in India and South Asia	3
AAAD 288	Black Popular Cultures: Global Scopes	3	ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3
AAAD 301	Contemporary China-Africa Relations	3	ANTH 380	Anthropological Perspectives on Cultural Diversity	3
AAAD 307	21st-Century Scramble for Africa	3	ANTH 405	Mental Health, Psychiatry, and Culture	3
AAAD 312	Terrorism in Africa	3	ANTH 422	Anthropology and Human Rights	3
AAAD 385	Emancipation in the New World	3	ANTH 427	Race	3
AAAD 387	HIV/AIDS in Africa and the Diaspora	3	ANTH 429	Culture and Power in Southeast Asia	3
			ANTH 439	Political Ecology	3

ANTH 441	The Anthropology of Gender, Health, and Illness	3	ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH 445	Migration and Health	3	ASIA 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ANTH 446	Poverty, Inequality, and Health	3	ASIA 429	Culture and Power in Southeast Asia	3
ANTH 447	The Anthropology of Work <sup>H</sup>	3	ASIA 431	Persian Sufi Literature	3
ANTH 454	The Archaeology of African Diasporas	3	ASIA 435	The Cinemas of the Middle East and North Africa	3
ANTH 460	Historical Ecology	3	ASIA 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
ANTH 463	Settler Colonialism	3	ASIA 442	Postcolonial Literature of the Middle East	3
ANTH 466	Alternative Economic Systems	3	ASIA 445	Asian Religions in America	3
ANTH 502	Globalization and Transnationalism	3	ASIA 453	Global Shangri-La: Tibet in the Modern World	3
ANTH 503	Gender, Culture, and Development	3	ASIA 458	Islamic Architecture and the Environment	3
ANTH 537	Gender and Performance: Constituting Identity	3	ASIA 471	Gender and Sexuality in Middle Eastern Literature	3
ANTH 540	Planetary Crises and Ecological and Cultural Transitions	3	ASIA 545	The Politics of Culture in East Asia	3
ANTH 545	The Politics of Culture in East Asia	3	ASIA 561	Arts of the Islamic Mediterranean	3
ANTH 551	Origins of Agriculture in the Ancient World	3	ASIA 570	The Vietnam War	3
ANTH 567	Urban Anthropology	3	ASIA 578	Chinese Diaspora in the Asia Pacific	3
ANTH 578	Chinese Diaspora in the Asia Pacific	3	BIOL 62	First-Year Seminar: Mountains Beyond Mountains: Infectious Disease in the Developing World	3
ANTH 585	Anthropology of Science	3	BUSI 610	Global Environment of Business	3
ANTH 623	Human Disease Ecology	3	BUSI 611	International Development	3
ANTH 624	Anthropology and Public Health	3	BUSI 617	Global Marketing	3
ANTH 626	African Cultural Dynamics	3	CHIN 342	The Rise of China: A Global and Multidisciplinary Approach	3
ANTH 649	Politics of Life and Death	3	CLAR 51	First-Year Seminar: Who Owns the Past? <sup>H</sup>	3
ANTH 674	Issues in Cultural Heritage	3	CMPL 131	Great Books II: Savage, Native, Stranger, Other	3
ARAB 462	Global Perspectives on Arab Cultures and Societies	3	CMPL 132	Great Books II: Performance and Cultural Identity in the African Diaspora	3
ARTH 56	First-Year Seminar: Lives of East Asian Artworks at the Ackland Art Museum <sup>H</sup>	3	CMPL 143	History of Global Cinema	3
ARTH 80	First-Year Seminar: Islamic Art and Science	3	CMPL 144	Film and Media Culture	3
ARTH 156	Introduction to Architecture <sup>H</sup>	3	CMPL 220	Global Authors: Jane Austen <sup>H</sup>	3
ARTH 300	Art of African Independence	3	CMPL 225	Global Authors: The Worlds of Shakespeare	3
ARTH 458	Islamic Architecture and the Environment	3	CMPL 257	The Crisis of Modernity in World Cinema	3
ARTH 488	Contemporary African Art	3	CMPL 261	India through Western Eyes	3
ARTH 555	Urban Africa and Global Mobility	3	CMPL 262	Film and Politics	3
ARTH 561	Arts of the Islamic Mediterranean	3	CMPL 270	German Culture and the Jewish Question	3
ASIA 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	CMPL 442	Postcolonial Literature of the Middle East	3
ASIA 70	First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals	3	CMPL 489	Empire and Diplomacy	3
ASIA 150	Asia: An Introduction	3	COMM 350	Practices of Cultural Studies	3
ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3	COMM 422	Family Communication <sup>H</sup>	3
ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	COMM 625	Communication and Nonprofits in the Global Context	3
ASIA 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3	COMM 650	Cultural Politics of Global Media Culture	3
ASIA 261	India through Western Eyes	3	COMM 661	Race and Ethnicity	3
ASIA 262	Nation, Film, and Novel in Modern India	3	COMM 662	Black/African Diaspora Performance	3
ASIA 276	The Modern Middle East	3	ECON 56	First-Year Seminar: Entrepreneurship: Asia and the West	3
ASIA 281	The Pacific War, 1937-1945: Its Causes and Legacy	3	ECON 360	Survey of International and Development Economics <sup>H</sup>	3
ASIA 329	Middle East Women Writers	3	ECON 363	International Economics from the Participant's Perspective	3
ASIA 331	Cracking India: Partition and Its Legacy in South Asia	3	ECON 461	European Economic Integration	3
ASIA 357	The Arab-Jews: Culture, Community, and Coexistence	3	ECON 465	Economic Development	3

ECON 560	Advanced International Economics	3	GEOG 212	Environmental Conservation and Global Change	3
EDUC 508	Equity, Leadership, and You	3	GEOG 222	Health and Medical Geography	3
ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4	GEOG 230	The World at Eight Billion	3
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4	GEOG 266	People and Environment in Southeast Asia	3
ENEC 254	International Environmental Politics	3	GEOG 270	Geography of Contemporary China	3
ENEC 320	The Future of Energy	3	GEOG 334	Human Ecology of Health and Disease	3
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>	3-4	GEOG 341	Hydrology, Ecology, and Sustainability of the Humid Tropics	3
ENEC 330	Principles of Sustainability	3	GEOG 424	Geographies of Religion	3
ENEC 368	Environmental Ethics	3	GEOG 436	Governance, Institutions, and Global Environmental Change	3
ENEC 437	Social Vulnerability to Climate Change	3	GEOG 437	Social Vulnerability to Climate Change	3
ENEC 451	Population, Development, and the Environment	3	GEOG 451	Population, Development, and the Environment	3
ENEC 460	Historical Ecology	3	GEOG 452	Mobile Geographies: The Political Economy of Migration	3
ENEC 475	The Political Economy of Food <sup>H</sup>	3	GEOG 453	Political Geography	3
ENEC 510	Policy Analysis of Global Climate Change	3	GEOG 470	Political Ecology: Geographical Perspectives	3
ENEC 520	Environment and Development	3	GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3
ENGL 54	First-Year Seminar: The War to End All Wars? The First World War and the Modern World <sup>H</sup>	3	GEOG 481	Ethnographies of Globalization: An Upper-Level Research Design Class	3
ENGL 67	First-Year Seminar: Travel Literature	3	GEOL 108	Our Energy and Climate Crises: Challenges and Opportunities	4
ENGL 72	First-Year Seminar: Literature of 9/11	3	GEOL 108	Our Energy and Climate Crises: Challenges and Opportunities	4
ENGL 79	First-Year Seminar: Globalization/Global Asians	3	GERM 286	(Un)Welcomed Guests? German Reflections on Exile and Immigration	3
ENGL 141	World Literatures in English	3	GERM 385	Schein/Sein: Turkish German Culture, 1964 to Today	3
ENGL 143	Film and Culture	3	GERM 386	Germany Goes East: Contemporary German Literature by Eastern European Immigrants	3
ENGL 155	The Visual and Graphic Narrative	3	GLBL 88	First-Year Seminar: Beg, Borrow, and Steal: The Political Economy of Aid, FDI, and Corruption	3
ENGL 282	Travel Literature <sup>H</sup>	3	GLBL 110	Global Policy Issues <sup>H</sup>	3
ENGL 365	Migration and Globalization <sup>H</sup>	3	GLBL 210	Global Issues and Globalization	3
ENGL 463	Postcolonial Literature <sup>H</sup>	3	GLBL 383	Global Whiteness	3
ENGL 488	Critical Security Studies	3	GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization	3
ENGL 659	War in 20th-Century Literature <sup>H</sup>	3	GLBL 488	International Migration and Citizenship	3
ENVR 582	Sanitation for Development	3	GLBL 560	Human Rights, Ethics, and Global Issues	3
EURO 239	Introduction to European Government <sup>H</sup>	3	GSLI 51	First-Year Seminar: Stalin and Hitler: Historical Issues in Cultural and Other Perspectives	3
EURO 442	International Political Economy	3	GSLI 59	First-Year Seminar: Moscow 1937: Dictatorships and Their Defenders	3
FOLK 130	Anthropology of the Caribbean	3	GSLI 67	First-Year Seminar: Blackness in the European Imaginary, Europe in the Black Imaginary	3
FOLK 429	Culture and Power in Southeast Asia	3	GSLI 70	First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures	3
FOLK 537	Gender and Performance: Constituting Identity	3	GSLI 85	First-Year Seminar: Children and War	3
FREN 378	French and European Transmigrations: Global Contexts	3	GSLI 218	Christianity and Islam in the Middle Ages	3
FREN 383	Franco-Asian Encounters	3	GSLI 251	Ideology and Aesthetics: Marxism and Literature	3
FREN 452	Muslim Women in France and the United States	3	GSLI 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
FREN 555	Crossing Gazes: Multidirectional and Conflicting Memories of Algeria	3			
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts	3			
GEOG 52	Political Ecology of Health and Disease <sup>H</sup>	3			
GEOG 56	First-Year Seminar: Local Places in a Globalizing World	3			
GEOG 67	First-Year Seminar: Politics of Everyday Life	3			
GEOG 120	World Regional Geography	3			
GEOG 121	Geographies of Globalization	3			
GEOG 124	Gender and Place: Feminist Geographies	3			
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	3			
GEOG 141	Geography for Future Leaders	3			
GEOG 210	Global Issues and Globalization	3			



GSLL 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3	HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3
GSLL 270	German Culture and the Jewish Question	3	HIST 509	The World History of Slavery	3
GSLL 280	The Dialectic of Whiteness and Blackness in Atlantic Cultures	3	HIST 510	Human Rights in the Modern World <sup>H</sup>	3
GSLL 285	Dissent and Protest in Central Europe	3	HIST 511	9/11 in World History	3
GSLL 306	Language and Nationalism	3	HIST 534	The African Diaspora	3
GSLL 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3	HIST 570	The Vietnam War	3
GSLL 475	Magical Realism: Central European Literature in a Global Context	3	HIST 577	United States Foreign Relations in the 20th Century	3
HIST 63	First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3	HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3	HPM 565	Global Health Policy	3
HIST 137	Muhammad to Malcolm X: Islam, Politics, Race, and Gender	3	HPM 571	Health and Human Rights	3
HIST 140	The World since 1945	3	JAPN 277	Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
HIST 203	Empires and Cultures in the Modern World	3	JWST 100	Introduction to Jewish Studies	3
HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3	JWST 107	Introduction to Modern Judaism	3
HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3	JWST 143	Judaism in Our Time	3
HIST 207	The Global Cold War	3	JWST 224	Modern Jewish Thought <sup>H</sup>	3
HIST 210	Global Issues and Globalization	3	JWST 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
HIST 212	History of Sea Power	3	JWST 239	German Culture and the Jewish Question	3
HIST 213	Air Power and Modern Warfare	3	JWST 357	The Arab-Jews: Culture, Community, and Coexistence	3
HIST 220	The Olympic Games: A Global History	3	JWST 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
HIST 242	United States-Latin American Relations	3	JWST 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
HIST 243	The United States and Africa <sup>H</sup>	3	JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
HIST 245	The United States and the Cold War: Origins, Development, Legacy	3	JWST 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
HIST 246	The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3	JWST 469	Coming to America: The Slavic Immigrant Experience in Literature	3
HIST 249	World Christianity since 1450	3	KOR 327	Korean Diasporas	3
HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3	LING 305	Race against Time: Language Revitalization	3
HIST 273	Water, Conflict, and Connection in the Middle East	3	LING 306	Language and Nationalism	3
HIST 276	The Modern Middle East	3	LTAM 101	Introduction to Latin American Studies	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3	MASC 108	Climate and Energy Transitions: Understanding the Forecasts	4
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3	MASC 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
HIST 312	History of France and Algeria	3	MEJO 446	Global Communication and Comparative Journalism	3
HIST 313	Women and the Law in Africa and the Middle East	3	MEJO 447	International Media Studies	3
HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3	MUSC 147	Introduction to the Music of the Américas	3
HIST 329	An Introduction to the History of Medicine <sup>H</sup>	3	MUSC 188	Introduction to Women and Music	3
HIST 335	Cracking India: Partition and Its Legacy in South Asia	3	MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
HIST 346	Dictators in the 20th Century	3	MUSC 258	Musical Movements: Migration, Exile, and Diaspora	3
HIST 349	Comparative Empires in the Modern World	3	NUTR 175	Introduction to Food Studies: From Science to Society	3
HIST 351	Global History of Warfare	3	PHIL 272	The Ethics of Peace, War, and Defense	3
HIST 373	The United States in World War II	3	PHIL 368	Environmental Ethics	3
HIST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3	PHYS 108	Climate and Energy Transitions: Understanding the Forecasts	4
HIST 459	Global Evangelicalism since 1600	3			

PLAN 58	First-Year Seminar: Globalization and the Transformation of Local Economies	3	PORT 540	Cultural Topics from the Lusophone World	3
PLAN 330	Principles of Sustainability	3	PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
PLCY 51	First-Year Seminar: The Global Environment in the 21st Century	3	PWAD 108	Our Energy and Climate Crises: Challenges and Opportunities	4
PLCY 66	First-Year Seminar: Energy Poverty	3	PWAD 110	Global Policy Issues <sup>H</sup>	3
PLCY 76	First-Year Seminar: Global Health Policy <sup>H</sup>	3	PWAD 120	World Regional Geography	3
PLCY 110	Global Policy Issues <sup>H</sup>	3	PWAD 150	International Relations and World Politics <sup>H</sup>	3
PLCY 430	Analysis of National Security Policy	3	PWAD 205	War, Diplomacy, and Statecraft, 1618-1815	3
PLCY 455	9/11 and Its Aftermath	3	PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3
PLCY 475	The Political Economy of Food <sup>H</sup>	3	PWAD 207	The Global Cold War	3
PLCY 520	Environment and Development	3	PWAD 212	History of Sea Power	3
PLCY 565	Global Health Policy	3	PWAD 213	Air Power and Modern Warfare	3
PLCY 570	Health and Human Rights	3	PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
POLI 58	FYS: Global Production and Workers' Rights: North Carolina, Latin America, and East Asia	3	PWAD 245	The United States and the Cold War: Origins, Development, Legacy	3
POLI 61	First-Year Seminar: The United States and Cuba: Making Sense of United States Foreign Policy <sup>H</sup>	3	PWAD 252	International Organizations and Global Issues <sup>H</sup>	3
POLI 130	Introduction to Comparative Politics <sup>H</sup>	3	PWAD 253	Problems in World Order	3
POLI 150	International Relations and World Politics <sup>H</sup>	3	PWAD 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
POLI 210	Global Issues and Globalization	3	PWAD 272	The Ethics of Peace, War, and Defense	3
POLI 239	Introduction to European Government <sup>H</sup>	3	PWAD 273	Water, Conflict, and Connection in the Middle East	3
POLI 252	International Organizations and Global Issues <sup>H</sup>	3	PWAD 280	Anthropology of War and Peace	3
POLI 253	Problems in World Order	3	PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
POLI 254	International Environmental Politics	3	PWAD 287	Strategy and International Relations	3
POLI 255	International Migration and Citizenship Today <sup>H</sup>	3	PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
POLI 256	The Politics of the First Era (1880-1914) of Globalization	3	PWAD 351	Global History of Warfare	3
POLI 272	The Ethics of Peace, War, and Defense	3	PWAD 359	Comparative History of National Intelligence Regimes	3
POLI 287	Strategy and International Relations	3	PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	3
POLI 429	Diversity and Politics	3	PWAD 373	The United States in World War II	3
POLI 430	Analysis of National Security Policy	3	PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
POLI 431	African Politics and Societies	3	PWAD 430	Analysis of National Security Policy	3
POLI 433	Politics of the European Union <sup>H</sup>	3	PWAD 435	The Cinemas of the Middle East and North Africa	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3	PWAD 444	Terrorism and International Peace	3
POLI 437	Political Change in Asia	3	PWAD 453	Political Geography	3
POLI 440	How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival	3	PWAD 455	9/11 and Its Aftermath	3
POLI 441	Israeli Politics and Society	3	PWAD 457	International Conflict Processes	3
POLI 442	International Political Economy	3	PWAD 459	Trans-Atlantic Security	3
POLI 444	Terrorism and International Peace	3	PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
POLI 445	When Countries Go Broke: Political Responses to Economic Crises	3	PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI 448	The Politics of Multilevel Governance	3	PWAD 481	Religion, Fundamentalism, and Nationalism	3
POLI 449	Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability	3	PWAD 484	Critical Security Studies	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3	PWAD 489	Empire and Diplomacy	3
POLI 452	Africa and International Conflict	3	PWAD 570	The Vietnam War	3
POLI 453	When Countries Go Broke: Political Responses to Financial Crises	3	PWAD 577	United States Foreign Relations in the 20th Century	3
POLI 457	International Conflict Processes	3	PWAD 578	Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present	3
POLI 459	Trans-Atlantic Security	3			
POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3			

PWAD 659	War in 20th-Century Literature <sup>H</sup>	3	WGST 388	The International Politics of Sexual and Reproductive Health	3
RELI 64	First-Year Seminar: Reintroducing Islam	3	WGST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3
RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3	WGST 410	Comparative Queer Politics	3
RELI 79	First-Year Seminar: Human Animals in Religion and Ethics	3	WGST 438	Gender and Performance: Constituting Identity	3
RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3	WGST 441	The Anthropology of Gender, Health, and Illness	3
RELI 107	Introduction to Modern Judaism	3	WGST 445	Migration and Health	3
RELI 123	Introduction to Jewish Studies	3	WGST 471	Gender and Sexuality in Middle Eastern Literature	3
RELI 143	Judaism in Our Time	3	WGST 503	Gender, Culture, and Development	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3	WGST 610	Feminism, Sexuality, and Human Rights	3
RELI 218	Christianity and Islam in the Middle Ages	3			
RELI 220	Religion and Medicine	3			
RELI 224	Modern Jewish Thought <sup>H</sup>	3			
RELI 225	Christian Cultures	3			
RELI 226	Human Animals in Religion and Ethics	3			
RELI 233	Religion and Violence	3			
RELI 239	German Culture and the Jewish Question	3			
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3			
RELI 345	Black Atlantic Religions <sup>H</sup>	3			
RELI 352	Anthropology of Christianity	3			
RELI 371	Women Mystics	3			
RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3			
RELI 445	Asian Religions in America	3			
RELI 480	Modern Muslim Literatures	3			
RELI 481	Religion, Fundamentalism, and Nationalism	3			
RELI 526	Dimensions of Evil	3			
RELI 541	Evangelicalism from a Global Perspective <sup>H</sup>	3			
RELI 580	African American Islam	3			
RELI 585	Religion and Culture of Turkey	3			
RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3			
ROML 62	First-Year Seminar: What Happened to Latin?	3			
SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature	3			
SOCI 58	First-Year Seminar: Globalization, Work, and Inequality	3			
SOCI 68	First-Year Seminar: Immigration in Contemporary America	3			
SOCI 416	Comparative Perspectives on Contemporary International Migration and Social Membership	3-4			
SPAN 338	Trans-Atlantic Cultural Topics	3			
SPAN 344	Latin@ American Cultural Topics	3			
SPAN 361	Hispanic Film	3			
SPAN 661	Film Studies: Iberia and the Americas	3			
SPAN 683	Guaraní Linguistics	3			
WGST 66	First-Year Seminar: Growing Up Girl, Globally	3			
WGST 188	Introduction to Women and Music	3			
WGST 281	Gender and Global Change	3			
WGST 313	Women and the Law in Africa and the Middle East	3			
WGST 329	Middle East Women Writers	3			
WGST 371	Women Mystics	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Supplemental General Education

Students who pursue the bachelor of arts degree also must satisfy a Supplemental General Education requirement. The intent of this requirement is to broaden a student's perspective on the major by examining its relationship to work in at least one other field. Students may fulfill the Supplemental General Education requirement in three ways:

- By completing a second major or a minor; or
- By completing three courses (nine hours) above 199 that are offered outside the home department or curriculum of the first major. These three courses can neither be used to fulfill the requirements of the first major nor be cross-listed with courses that a student has used to satisfy major requirements; or
- By completing a concentration outside a professional school as part of the degree requirements for graduating from the school.

## Catalog Year

The requirements of the Making Connections curriculum apply to students beginning undergraduate study in or after the fall semester of 2006. Because students are subject to the requirements in place when they were admitted to the University of North Carolina at Chapel Hill, the General Education requirements described in this *Catalog* particularly apply to students entering the University during the 2018–2019 academic year.

The courses listed above satisfy the General Education requirements during the 2018–2019 academic year. Because the content and structure of a course may change, the requirements it fulfills also may change. To determine which courses will satisfy General Education requirements in future years, students should consult ConnectCarolina or subsequent issues of the *Catalog*.

## Office of Undergraduate Curricula

**James Thompson, Associate Dean**

**Nick Siedentop, Curriculum Director**

The Office of Undergraduate Curricula (<http://curricula.unc.edu>) has primary responsibility for monitoring all curricular changes in the General College and the College of Arts and Sciences. This office receives and reviews all requests for new courses, course revisions, changes to degree programs, and proposals for new minors, majors, and curricula.

## Requirements for Undergraduate Degree Programs

The requirements and limitations that apply to all undergraduate degree programs are as follows:

- Students must successfully complete at least 120 semester hours of coursework (requirements are higher than this minimum in some bachelor of science degree curricula)
- Students must have at least a 2.000 final cumulative grade point average on all work attempted at the University of North Carolina at Chapel Hill.
- Students must satisfy all General Education requirements. In some B.S. programs offered by professional schools, General Education requirements may be reduced. No course used as a General Education requirement may be *declared* Pass/Fail, except for lifetime fitness (LFIT) courses and some forms of experiential education that award only Pass/Fail credit.
- A minimum of 45 academic credit hours must be earned from UNC–Chapel Hill courses. These may include credits from study abroad programs sponsored by the University.
- At least 24 of the last 30 academic credit hours applied to the degree requirements must be earned in UNC–Chapel Hill courses.
- To earn a degree in the College of Arts and Sciences, students must complete a minimum of 90 credit hours of courses in the College.
- The maximum number of credit hours from distance-learning courses, all of which must be designated UNC–Chapel Hill, that can be counted toward an undergraduate degree in the College of Arts and Sciences is 24. Refer to Policies and Procedures (p. 1039) for more information.
- No more than 45 semester hours in any subject, as defined by subject code, may be used toward fulfilling the B.A. graduation requirement in the College of Arts and Sciences.
- Students completing the requirements for more than one major field of study will earn only one degree and receive only one diploma. For additional information, including which degree is awarded when completing more than one major field of study, refer to Policies and Procedures (p. 1069).

The Policies and Procedures (p. 1038) section of this catalog contains information on many important topics, including registration, academic course load, academic eligibility, repeating course enrollments, final examinations, and the grading system, among others.

Students who enter the University as first-year students are expected to complete their undergraduate degree in eight semesters. Summer terms are not included in the semester count. Students who wish to attend a ninth semester must submit a written petition to, and receive permission from, their dean's office. Permission to enroll in a ninth semester or beyond must be secured in advance. Permission to enroll in a ninth semester or beyond will not be granted for the sole purpose of completing multiple areas of study (i.e., a secondary major and a minor or two minors). However, students who receive permission to enroll in a ninth semester or beyond for other reasons may retain a secondary major or minor.

Transfer students (who transfer in the UNC–Chapel Hill equivalent of two or more semesters) may enroll in up to 10 total semesters and complete up to three areas of study (i.e., a secondary major and a minor or two minors).

Students must complete a major field of study as prescribed by the academic unit.

## Requirements for Majors

The following requirements and limitations apply to all undergraduate academic majors at the University:

- Unless specifically prohibited by departments or curricula, major or minor courses may be used to satisfy General Education requirements.
- Courses in a student's major academic unit, or specifically required by the major, including foreign language courses, electives, and any additional required courses (or any courses cross-listed with such required courses) may not be declared a Pass/Fail course (p. 1042).
- Although a specific grade point average in the major is not required, a minimum of 18 hours of C or better (C- does not qualify) in the major core is required. Certain majors require 21 hours of C or better grades in the major core.
- Students transferring credits in their major field must earn a grade of C (not C-) or better in at least three-fourths of those courses and credit hours in the major that are taken at UNC–Chapel Hill. Courses taken on a study abroad program through the UNC Study Abroad Office may receive TREQ credit; TREQ credit contributes to the hours of C in the major.
- All students, including students transferring from another institution, must take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill.
- Some majors require a gateway course that must be taken first, before enrolling in any other courses that satisfy the core requirements in the major. Students must earn a grade of C or better (C- does not qualify) in the gateway course. Unless otherwise noted, the gateway course is not counted in the hours of C in the major core.
- No more than two courses (six to eight credit hours) of BE credit (p. 1039) may be used as part of the major core.

## Requirements for Minors

Students enrolled in the College of Arts and Sciences who wish to complete a minor in a professional school must receive permission from the professional school.

The following requirements and limitations apply to all undergraduate academic minors:

- A student may have no more than two minors, regardless of the student's major degree program. Academic units may exclude certain minors from being elected and completed by students majoring in these units.
- More than half (not merely half) of the credit hours and courses (including cross-listed courses) taken to satisfy the minor requirements must be counted exclusively in the minor and not double-counted in other majors or minors.
- At least nine hours of the minor must be completed at UNC–Chapel Hill and not at other academic institutions. Certain academic units may require that more than nine hours must be completed at the University.
- Some academic units may disallow the double-counting of courses in the minor and as General Education courses.
- A minimum of 12 hours of C (not C-) grades or better is required in the minor, though some minors may require more. Students who transfer courses into the minor must earn C or better grades in three-



quarters of the courses and hours that they take for the minor at UNC–Chapel Hill. Students who use By-Examination (BE) credit (see section below) toward a minor may have fewer than 12 hours of coursework remaining to complete the minor (especially for minors with fewer than five courses or 15 hours); in these situations, earning grades of C or better in all of the remaining coursework is required.

- No more than one BE credit (p. 1039) course (three to four credit hours) may be used as part of a minor.
- All courses in the minor unit must be taken for a regular letter grade. Courses in a student's minor unit, or specifically required by the minor, including foreign language courses, electives, and any additional required courses (or any courses cross-listed with such required courses) may not be declared a Pass/Fail course (p. 1042).
- If students plan to pursue the completion of a minor, they are encouraged to declare their minor by early in the junior year.

## Combining Majors and Minors

Students in the College of Arts and Sciences are permitted to study up to three subjects in depth. They may do this in one of the following ways:

- one major
- two majors
- one major and one minor
- two majors and one minor
- one major and two minors

Students enrolled in professional schools who wish to have a second major or minor in the College of Arts and Sciences must receive permission from their professional school and the College of Arts and Sciences; students who receive permission to have a second major in the College of Arts and Sciences are required to complete all General Education requirements, including all eight Connections. Students enrolled in professional schools who wish to have a second major or minor in a different professional school must receive permission from both professional schools.

A student may pursue in-depth study in multiple areas by fulfilling all major/minor requirements in each of the selected disciplines, in addition to General Education requirements. Students may not pursue two concentrations (emphases, options, or tracks) within the same major. In general, students may pursue a minor in the same department or curriculum as the major, provided they follow the double-counting rules described below and do not exceed 45 credit hours of coursework in any one subject. For example, a major in Asian studies with a concentration in Japanese and a minor in Korean, both housed in the Department of Asian Studies, are permitted. Some departments may restrict majors and minors within the same academic unit, so please consult an academic advisor, the department, or the curriculum.

Courses that fulfill requirements for a major or minor may be double-counted (applied to a second major or minor) with the following general limitation: more than half (not merely half) of the courses and course credit hours taken in each major/minor must be exclusive to that major/minor. In a 10-course major, for example, at least six courses, and at least 51 percent of the credit hours, should be counted exclusively in that major and should not double-count even if cross-listed with courses in a student's second major or a minor. Some majors may further restrict double-counting courses. Students who are pursuing two majors and a minor (or two minors and a major) may, in principle, use a single course to satisfy requirements in all three areas of study, provided that more

than half (not merely half) of the courses and course credit hours taken in each major/minor are exclusive to that major/minor.

## Graduation

Beginning with the first day of registration for the term for which students expect to graduate, they should file an application for graduation online in ConnectCarolina or in person in the office of the dean. For students in the College of Arts and Sciences, this is the office of the Academic Advising Program. A student who has not filed an application for graduation on or before the announced deadlines for fall or spring graduation will not be included in the graduation program.

Students must pay tuition, fees, and other obligations owed the University before receiving a diploma.

## Graduation Requirements and Tar Heel Tracker

For students in the College of Arts and Sciences, total graduation requirements are determined by advisors in the Academic Advising Program (Steele Building) in conjunction with ConnectCarolina's Tar Heel Tracker degree-audit system. For students admitted to a professional school (education, media and journalism, nursing, information and library science, public health, business, dentistry), total graduation requirements are determined by advisors in their school in conjunction with ConnectCarolina's Tar Heel Tracker.

## Undergraduate Degree Programs

The University offers programs of study leading to the bachelor of arts (B.A.), bachelor of arts in education (B.A.Ed.), bachelor of arts in media and journalism (B.A.M.J.), bachelor of fine arts (B.F.A.), bachelor of music (B.Mus.), bachelor of science (B.S.), bachelor of science in business administration (B.S.B.A.), bachelor of science in information science (B.S.I.S.), bachelor of science in nursing (B.S.N.), bachelor of science in pharmaceutical sciences (B.S.Ph.S.), and bachelor of science in public health (B.S.P.H.) degrees.

The College of Arts and Sciences offers more than 50 major fields of study (p. 106). Professional school majors are also available to undergraduates by application and acceptance. Specific requirements for each major are included in this catalog. For information about the other undergraduate degree programs, please refer to the professional schools' sections in this catalog.

## Bachelor of Arts

Students seeking a bachelor of arts (B.A.) degree must complete the Supplemental General Education requirement. Among other options, completing a minor or a second major fulfills the Supplemental General Education requirement.

## Bachelor of Science

Four-year programs leading to the degree of bachelor of science (B.S.) provide for specialization in a particular field and necessary instruction in related fields. In some B.S. programs offered by professional schools, General Education requirements may be reduced. Most B.S. programs, however, require students to complete quantitative reasoning courses beyond the General Education minimum and/or require specific quantitative reasoning courses.

## Bachelor of Fine Arts

A four-year program leading to the degree of bachelor of fine arts (p. 218) is offered by the Department of Art and Art History. It provides, for qualified students, preprofessional training in creative aspects of the

field of art. Approximately one-half of the program is in the field of the major, and the other half is in the liberal arts and sciences.

## Bachelor of Music

The four-year program leading to the degree of bachelor of music (p. 688), housed in the Department of Music, emphasizes training and achievement in the performance or composition of music. Approximately one-half of the program (63 credit hours) is in the field of the major, and the other half (57 hours) is in the liberal arts and sciences.

## Dual Bachelor's–Graduate Degree Programs

The University offers several dual bachelor–graduate degree programs. The programs currently offered are listed below. The requirements for the bachelor's degree must be completed within eight semesters of study (or 10 semesters of study for transfer students (p. 100)). The requirements for the graduate degree can be completed in as few as two additional semesters, for a possible total of 10 (or fewer) semesters of study. For information about the requirements and application process, please consult the relevant academic unit in this catalog.

- Biostatistics (p. 314) (B.S.P.H. –M.S.), Gillings School of Global Public Health
- Computer science (p. 386) (B.S. –M.S.), College of Arts and Sciences
- Contemporary European studies (p. 495) and political science (B.A. –M.A. Trans-Atlantic Master's Program), College of Arts and Sciences
- Education M.A.T. (p. 958) (multiple bachelor's degree majors possible), School of Education
- Environmental science and engineering (p. 490) (multiple B.S. degree majors possible or B.S.P.H.–M.S. or M.S.P.H.), Gillings School of Global Public Health
- Environmental science and information science (p. 473) (B.S. –M.S.I.S.), College of Arts and Sciences and the School of Information and Library Science
- Environmental studies or environmental science and public administration (p. 466) (B.A. or B.S. –M.P.A.), College of Arts and Sciences and the School of Government
- Environmental studies or environmental science and mass communication (p. 466) (B.A. or B.S. –M.A.), College of Arts and Sciences and the School of Media and Journalism
- Information science (p. 976) (B.S.I.S. –M.S.I.S. or M.S.L.S.), School of Information and Library Science
- Linguistics (p. 645) (B.A. –M.A.), College of Arts and Sciences
- Nutrition (p. 702) (B.S.P.H. –M.S.), Gillings School of Global Public Health
- Statistics and analytics (p. 904) and statistics and operations research (B.S. –M.S.), College of Arts and Sciences

## Joint Degree Programs with the National University of Singapore (NUS)

UNC–Chapel Hill undergraduates can spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of arts degree from both institutions. Programs are offered in biology (p. 290), economics (p. 409), English (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba>),

geography (p. 524), global studies (p. 585), history (p. 620), and political science (p. 766).

## Undergraduate Honors: Degrees with Distinction

To graduate with distinction or with highest distinction, students must have completed at least 45 academic hours at UNC–Chapel Hill and have an overall grade point average of at least 3.500 or 3.800 respectively. The grade point average is based on the grades received and recorded by the Office of the University Registrar as of the degree award date. No changes are permitted to the awards after that date.

## Undergraduate Honors: Degrees with Honors

Students who wish to graduate from UNC–Chapel Hill with honors or highest honors must complete a senior honors thesis project in their major field(s) of study. Such students need not have been members of Honors Carolina. They must, however, meet academic eligibility standards set by Honors Carolina and the individual departments, curricula, and professional schools that sponsor senior honors thesis programs.

Students with double majors may graduate with honors or highest honors in both fields of study. To do so, they must complete a distinct project in each field. Students may not undertake a senior honors thesis project in a minor field (Creative Writing is the sole exception) or in a field outside of their declared major(s).

Students who successfully complete a senior honors thesis project will have the designation "Honors" or "Highest Honors" recorded on their diplomas and transcripts and will be denoted in the Commencement bulletin at graduation. Creative Writing minors earning honors or highest honors will also be recognized in the Commencement bulletin and have a special remark added to their transcripts, but no designation will appear on their diplomas.

**Application for honors work:** Students should apply to the honors advisor in the department or curriculum of the major. Ordinarily, application is made during the junior year, although it is done earlier in some departments. Detailed information concerning the application should be obtained from the honors advisor in the major.

**Requirements for eligibility:** Students who wish to undertake a senior honors thesis project must have a cumulative grade point average of 3.300 or higher. Academic units that wish to impose a higher grade point average eligibility standard may do so by requiring that students meet both the cumulative 3.300 grade point average standard set by Honors Carolina office and a higher grade point average standard for all coursework required for the major.

**Nature and purpose of honors study:** Programs are provided for students who have demonstrated a high level of scholastic ability and achievement and who desire to pursue an intensive, individualized program of study in their major discipline. Senior honors thesis students must complete an original and substantial research, performance, or creative project under direct supervision by a faculty advisor.

Senior honors thesis projects are scheduled as a two-semester sequence of honors courses led by unit-designated faculty, independent study overseen by the faculty thesis advisor, or a combination of the two. Detailed guidelines on approved senior honors thesis scheduling

formats are available on the Honors Carolina Web site (<http://honorscarolina.unc.edu>). Regardless of the scheduling format used, students must complete a total of 6.0 credit hours of senior honors thesis coursework during consecutive semesters, not during summer sessions.

A special written or oral examination on the student's program is required during the final semester of honors study. The department or curriculum may impose other requirements that it deems appropriate. In every instance, study for honors will require academic excellence. When the student has fulfilled all requirements, the department or curriculum will recommend to the associate dean for honors that the degree be awarded with honors or with highest honors. The degree with highest honors is conferred in recognition of extraordinary achievement in a program of honors study.

**Procedures for granting degrees with honors:** The grade for coursework in connection with an honors project is determined by the faculty advisor and is (like all grades) subject to appeal. Successful completion of honors study does not automatically confer departmental honors. Before awarding a degree with honors or highest honors, the College of Arts and Sciences requires the recommendation of a student's examining committee and the endorsement of that committee's recommendation by the chair of the department or curriculum. A negative recommendation by the department is final and cannot be appealed. The associate dean for honors makes the final decision to award a degree with honors on the basis of the department's positive recommendation and the student's cumulative grade point average.

## Phi Beta Kappa

This national collegiate honor society is open to undergraduate students in the College of Arts and Sciences and in exceptional circumstances (as described below) to students enrolled in undergraduate professional degree programs. The following students in the College of Arts and Sciences are eligible for membership:

- Students who have completed at least 75 semester hours of graded academic coursework in the liberal arts and sciences at UNC–Chapel Hill with a quality point average of at least 3.850
- Students who have completed at least 105 semester academic course hours in the liberal arts and sciences, at least 45 of which must have been graded coursework taken at UNC–Chapel Hill with a quality point average of at least 3.750

No grades made at an institution from which a student has transferred shall be included in determining a student's eligibility. The quality point average shall include all academic coursework in the liberal arts and sciences taken and counted toward the candidate's degree (physical activity grades and hours are not included). Grades and hours received on courses taken after the candidate has received his or her degree shall not be counted.

Undergraduate students not enrolled in the College of Arts and Sciences who meet the general semester hours and quality point average described in the second bullet above and who have completed at least 90 semester hours of coursework in the departments and curricula of the College of Arts and Sciences (or the equivalents accepted for transfer credit from other institutions) are eligible for election.

## Dean's List

To be eligible for the Dean's List, full-time students who enter the University as first-time, first-year students beginning in fall 2010 must meet the following requirement:

- A 3.500 grade point average with no grade lower than a C and enrollment in at least 12 hours of letter-grade credit, exclusive of physical education activities (PHYA) courses.

The grade point average is based on the grades received and recorded by the Office of the University Registrar at the time the Dean's List is published. No changes are permitted to the Dean's List after that date.

# COURSE NUMBERING

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<sup>1</sup> See the Honors Carolina website (<http://honorscarolina.unc.edu>) for information on enrolling in honors courses.

Courses are designated with a subject code and course number. The number assigned to a course generally denotes its level and may also indicate a course type. Suffixes may be appended to course numbers to indicate course format or honors status. For additional information about course numbering, see University Policy Memorandum #4 (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-4-standard-course-numbering-system>).

For courses in the Undergraduate and Graduate academic careers starting in Fall 2006, the numbers assigned to courses are normally categorized as follows:

## Course Numbers

- **100-189:** Introductory Undergraduate Courses
- **190-399:** Courses for Undergraduate Students
- **400-699:** Courses for Advanced Undergraduate and Graduate Students
- **700-899:** Courses for Graduate Students (Undergraduate Students may enroll with department permission)
- **900-999:** Courses for Graduate Students only

## Special Course Numbers

- **50-89:** First-Year Seminars
- **190, 290, 390:** Undergraduate Special Topics Courses
- **490, 590, 690:** Undergraduate and Graduate Special Topics Courses
- **193, 293, 393:** Undergraduate Internships and Practica
- **493, 593, 693:** Undergraduate and Graduate Internships and Practica
- **195, 295, 395:** Undergraduate Research Courses
- **495, 595, 695:** Undergraduate and Graduate Research Courses
- **196, 296, 396:** Undergraduate Independent Study/Reading Courses
- **496, 596, 696:** Undergraduate and Graduate Independent Study/Reading Courses
- **691H, 692H, 693H, 694H:** Senior (Undergraduate) Honors Thesis Courses
- **697, 698:** Undergraduate Capstone Courses
- **799:** Graduate Experimental Course Offering
- **890-899:** Graduate Special Topic Courses
- **900-991:** Graduate Research Courses
- **992, 993:** Master's Thesis Courses
- **994:** Doctoral Dissertation Course

## Foreign Language Courses:

- **Beginning Level:** 101, 102 and 401, 402
- **Intermediate Level:** 203, 204 and 403, 404
- **Graduate Foreign Language Requirement:** 601, 602 and 603, 604

## Suffixes

For courses in the Undergraduate and Graduate academic careers starting in Fall 2006, the following suffixes may be used:

- **H:** Honors Course or Course for Advanced Students<sup>1</sup>
  - **L:** Credit-Bearing Laboratory Course
  - **I:** Interdisciplinary Course
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# PROGRAMS OF STUDY: MAJORS AND MINORS

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## A

- Aerospace Studies Minor (p. 119)
- African American and Diaspora Studies Minor (p. 131)
- African Studies Minor (p. 130)
- African, African American, and Diaspora Studies Major, B.A. (p. 128)
- American Indian and Indigenous Studies Minor (p. 159)
- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.—Folklore Concentration (p. 151)
- American Studies Major, B.A.—Global American Studies Concentration (p. 154)
- American Studies Major, B.A.—Southern Studies Concentration (p. 156)
- American Studies Minor (p. 159)
- Anthropology Major, B.A. (p. 181)
- Arabic Minor (p. 264)
- Archaeology Major, B.A. (p. 189)
- Archaeology Minor (p. 193)
- Art History Major, B.A. (p. 212)
- Art History Minor (p. 225)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.—Chinese Concentration (p. 256)
- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.—Japanese Concentration (p. 259)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 261)
- Asian Studies Minor (p. 263)
- Astronomy Minor (p. 753)

## B

- Biology Major, B.A. (p. 298)
- Biology Major, B.S. (p. 290)
- Biology Major, B.S.—Quantitative Biology Track (p. 294)
- Biology Minor (p. 301)
- Biomedical and Health Sciences Engineering Major, B.S. (p. 307)
- Biostatistics Major, B.S.P.H. (p. 314)
- Business Administration Major, B.S.B.A. (p. 947)
- Business Administration Minor (p. 950)
- Business Journalism Major, B.A. (p. 992)

## C

- Certificate in Dental Hygiene (p. 955)
- Certificate Programs in Media and Journalism (p. 995)
- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.—Biochemistry Track (p. 330)
- Chemistry Major, B.S.—Polymer Track (p. 333)

- Chemistry Minor (p. 337)
- Chinese Minor (p. 265)
- Classical Humanities Minor (p. 356)
- Classics Major, B.A.—Classical Archaeology (p. 352)
- Classics Major, B.A.—Classical Civilization (p. 353)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 354)
- Clinical Laboratory Science Major, B.S. (p. 999)
- Coaching Education Minor (p. 515)
- Cognitive Science Minor (p. 790)
- Communication Studies Major, B.A. (p. 370)
- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Computer Science Major, B.A. (p. 383)
- Computer Science Major, B.S. (p. 386)
- Computer Science Minor (p. 389)
- Conflict Management Minor (p. 717)
- Contemporary European Studies Major, B.A. (p. 495)
- Creative Writing Minor (p. 449)

## D

- Dental Hygiene Major, B.S. (p. 953)
- Dramatic Art Major, B.A. (p. 396)
- Dramatic Art Minor (p. 398)

## E

- Economics Major, B.A. (p. 409)
- Education Minor (p. 969)
- English and Comparative Literature Major, B.A. (p. 440)
- English Minor (p. 451)
- Entrepreneurship Minor (p. 411)
- Environmental Health Sciences Major, B.S.P.H. (p. 490)
- Environmental Science and Studies Minor (p. 480)
- Environmental Science, B.S. (p. 473)
- Environmental Studies Major, B.A. (p. 466)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.—General (p. 510)
- Exercise and Sport Science Major, B.A.—Sport Administration (p. 513)
- Exercise and Sport Science Minor (p. 515)

## F

- Folklore Minor (p. 161)
- Food Studies Minor (p. 481)
- French Minor (p. 878)

## G

- General Anthropology Minor (p. 183)
- Geography Major, B.A. (p. 524)
- Geography Minor (p. 529)
- Geological Sciences Major, B.A.—Earth Science Concentration (p. 537)

- Geological Sciences Major, B.S.–Earth Science Concentration (p. 539)
- Geological Sciences Major, B.S.–Environmental Geoscience Concentration (p. 541)
- Geological Sciences Minor (p. 544)
- German Minor (p. 575)
- Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.–Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.–Slavic and East European Languages and Cultures Concentration (p. 573)
- Global American Studies Minor (p. 162)
- Global Cinema Minor (p. 452)
- Global Studies Major, B.A. (p. 585)
- Greek Minor (p. 357)

## H

- Health and Society Minor (p. 896)
- Health Policy and Management Major, B.S.P.H. (p. 596)
- Heritage and Global Engagement Minor (p. 183)
- Hindi-Urdu Minor (p. 268)
- Hispanic Studies Minor (p. 880)
- History Major, B.A. (p. 620)
- History Minor (p. 627)
- Human Development and Family Studies, B.A.Ed. (p. 967)

## I

- Information Science Major, B.S. (p. 976)
- Information Systems Minor (p. 978)
- Interdisciplinary Studies Major, B.A. (p. 632)
- Interdisciplinary Studies Major, B.A.–Cultural Studies (p. 374)
- Islamic and Middle Eastern Studies Minor (p. 834)
- Italian Minor (p. 879)

## J

- Japanese Minor (p. 269)
- Jewish Studies Minor (p. 836)

## K

- Korean Minor (p. 270)

## L

- Latin American Studies Major, B.A. (p. 635)
- Latin Minor (p. 358)
- Latina/o Studies Minor (p. 453)
- Linguistics Major, B.A. (p. 645)
- Linguistics Minor (p. 646)

## M

- Management and Society Major, B.A. (p. 893)
- Marine Sciences Minor (p. 653)
- Mathematics Major, B.A. (p. 662)
- Mathematics Major, B.S. (p. 665)
- Mathematics Minor (p. 667)
- Media and Journalism Major, B.A. (p. 989)
- Media and Journalism Minor (p. 994)
- Medical Anthropology Minor (p. 185)
- Medicine, Literature, and Culture Minor (p. 454)
- Medieval and Early Modern Studies (MEMS) Minor (p. 627)
- Middle Eastern Languages Minor (p. 271)
- Military Science and Leadership Minor (p. 672)
- Modern Hebrew Minor (p. 267)
- Music Major, B.A. (p. 684)
- Music Major, Bachelor of Music (B.Mus.) (p. 688)
- Music Minor (p. 693)

## N

- Naval Science Minor (p. 696)
- Neuroscience Major, B.S. (p. 779)
- Neuroscience Minor (p. 792)
- Nursing Major, B.S.N. (p. 1014)
- Nutrition Major, B.S.P.H. (p. 702)

## P

- Peace, War, and Defense Major, B.A. (p. 713)
- Persian Minor (p. 272)
- Philosophy Major, B.A. (p. 729)
- Philosophy Minor (p. 731)
- Philosophy, Politics, and Economics (PPE) Minor (p. 732)
- Physics Major, B.A. (p. 742)
- Physics Major, B.S. (p. 748)
- Physics Minor (p. 753)
- Political Science Major, B.A. (p. 766)
- Portuguese Minor (p. 879)
- Psychology Major, B.A. (p. 783)
- Psychology Major, B.S. (p. 786)
- Public Policy Major, B.A. (p. 800)
- Public Policy Minor (p. 806)

## R

- Radiologic Science Major, B.S. (p. 1004)
- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A.–Jewish Studies Concentration (p. 832)
- Religious Studies Minor (p. 837)
- Romance Languages Major, B.A.–French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 875)
- Romance Languages Major, B.A.–Hispanic Literatures and Cultures (p. 871)

- Romance Languages Major, B.A.–Italian (p. 866)
- Romance Languages Major, B.A.–Portuguese (p. 869)
- Russian Culture Minor (p. 577)

## S

- Sexuality Studies Minor (p. 923)
- Slavic and East European Languages and Cultures Minor (p. 579)
- Social and Economic Justice Minor (p. 896)
- Sociology Major, B.A. (p. 890)
- Southern Studies Minor (p. 164)
- Spanish Minor for the Professions (p. 881)
- Speech and Hearing Sciences Minor (p. 1007)
- Statistics and Analytics Major, B.S. (p. 904)
- Statistics and Analytics Minor (p. 906)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis (p. 222)
- Studio Art Minor (p. 225)
- Study of Christianity and Culture Minor (p. 841)
- Sustainability Studies Minor (p. 482)

## T

- The William and Ida Friday Center for Continuing Education (p. 1020)

## U

- Urban Studies and Planning Minor (p. 341)

## W

- Women's and Gender Studies Major, B.A. (p. 918)
- Women's and Gender Studies Minor (p. 921)
- Writing for the Screen and Stage Minor (p. 375)

# ACADEMIC ENRICHMENT PROGRAMS

The University offers a variety of programs and opportunities designed to engage students in the curriculum and to enhance the academic experience at Carolina. There are opportunities available from first-year to senior-year. Students are encouraged to take full advantage of these opportunities and to start planning early in their academic career.

- Distinguished Scholarships (p. 113)
- First-Year Seminars (p. 109)
- Honors Beyond Chapel Hill (p. 113)
- Honors Carolina (p. 112)
- Internships (p. 110)
- Languages across the Curriculum (p. 114)
- North Carolina Fellows Program (p. 115)
- Student Life and Leadership (p. 114)
- Study Abroad (p. 109)
- Summer Bridge (p. 115)
- Undergraduate Research (p. 110)

For additional programs and services, please see the Resources (p. 1022) section of this catalog.

## First-Year Seminars Contact Information

### First Year Seminar Program

Visit Program Website (<http://fys.unc.edu>)  
3010 Steele Building, CB #3504  
(919) 843-7773

**Drew Coleman, Associate Dean and Director**  
[fys\\_dean@unc.edu](mailto:fys_dean@unc.edu)

The First Year Seminar Program at UNC–Chapel Hill builds and sustains a vibrant campus-based educational community committed to promoting the success of first-year college students by coordinating a varied offering of seminar-format courses that allow students to work closely with our best faculty on intriguing topics.

First-year seminars (FYS) introduce students to the intellectual life of the University. They are taught by faculty who are active scholars and accomplished teachers, and have a limited enrollment of only 24 students who are in the first two semesters of their undergraduate experience. The seminars address a range of topics across disciplines, often including the most pressing issues of the day. First-year seminars share a common focus on how scholars pose problems, discover solutions, resolve controversies, and evaluate knowledge. They also provide students with a comfortable and engaging social network.

Students in first-year seminars are active participants in the learning process. The seminars encourage self-directed inquiry by using a variety of activities inside and outside the classroom, including field work, case studies, performances, computer projects, laboratory explorations, archival research, and group presentations.

## Eligibility and Enrollment

Enrollment in FYS is restricted to full-time students in their first two semesters of college. Students are limited to a maximum of two FYS in any one semester, and a maximum of two FYS across the first two semesters at Carolina. Enrollment in a third FYS can only occur with an approved petition from the associate dean of first year curricula, and will not be approved for a third seminar in a single semester.

## Study Abroad

Living and studying in another culture can be one of the most beneficial experiences a student has during their college career. Such an experience can positively impact a student's academic program, career path, and personal growth.

The College of Arts and Sciences Study Abroad Office (SAO), located in the FedEx Global Education Center, and the Kenan–Flagler Business School's Undergraduate Global Programs, located in the McColl Building, offer high quality, for-credit academic experiences abroad that provide meaningful opportunities for academic, personal, and professional growth. Each office strives to ensure programs are accessible, cost-effective, and safe for all students.

The Study Abroad Office facilitates study abroad programs for the entire campus, working with the College of Arts and Sciences, and schools and departments throughout the University. Programs available include undergraduate student exchanges, faculty-led, and direct enroll programs during the summer, semester, and academic year. Options are available throughout the world for every major and minor at UNC – some programs offering varied curriculums, while others are focused on a particular academic discipline.

The Kenan–Flagler Business School's Undergraduate Global Programs administer semester, summer, and immersion programs available only to students admitted to the Kenan–Flagler Business School.

Students may fulfill elective, General Education, and major/minor requirements abroad. All students who participate in approved study abroad programs will earn experiential education (EE) General Education credit. Approval for major/minor credits must be granted by the director of undergraduate studies or study abroad liaison in the relevant department, and approval for General Education requirements must be granted by the Study Abroad Office, which coordinates the approval process in both instances. Some programs, such as UNC–Chapel Hill faculty-led options, offer University graded course credits. Most programs will offer transfer credit that can also be used to fulfill requirements toward graduation. Study abroad credit will be awarded to students participating in the programs administered by these UNC–Chapel Hill offices. Students seeking to participate in other programs for academic credit may submit an appeal or approval to the Study Abroad Office.

Students are encouraged to begin thinking about study abroad as early as possible in their academics at UNC, allowing them to fit a global experience into their academic program. The first step is to attend a Study Abroad 101 information session to learn about the many opportunities available. Students can then arrange an advising session in the Study Abroad Office. Through these informational meetings and appointments, SAO staff assist students in choosing the best programs for their academic, financial, personal, and professional goals.

## Contacts

Study Abroad Office (<http://studyabroad.unc.edu>)

FedEx Global Education Center, CB# 3130

(919) 962-7002

Jason Kinnear, Interim Associate Dean of Study Abroad and International Exchanges

Kenan–Flagler Business School's Undergraduate Global Programs  
(<http://www.kenan-flagler.unc.edu/programs/undergraduate-business/global-programs>)

McColl Building, CB# 3490

(919) 962-1171

Angela Bond, Senior Associate Director, Undergraduate Global Programs

## Office for Undergraduate Research

### Contact Information

Office for Undergraduate Research

Visit Program Website (<http://our.unc.edu>)

220 Graham Memorial, CB #2800

(919) 843-7763

Troy Blackburn, Associate Dean and Director

[troyb@email.unc.edu](mailto:troyb@email.unc.edu)

The Office for Undergraduate Research (OUR) was established in 1999 to expand the opportunities for undergraduates at Carolina to engage in innovative research, mentored scholarship, and creative performance. It seeks to make research a distinctive feature of the undergraduate educational experience at this vibrant research university. By engaging in research, students learn how discoveries are made and become well prepared to address the unsolved problems of the future. The office is located in 220 Graham Memorial and is a part of the Johnston Center for Undergraduate Excellence.

All undergraduates are invited to register for the Carolina Research Scholar Program (CRSP). Requirements for CRSP include

1. Completion of one (1) of the following courses:
  - a. IDST 184 Research beyond Academia
  - b. IDST 194 Modes of Inquiry
  - c. One (1) research-methods course
  - d. One (1) research-exposure course
2. Completion of two (2) research-intensive courses (or a total of 6 credits) OR one of the following options:
  - a. One (1) research-intensive course (or a total of 3 credits) AND 150 hours of mentored research (equivalent of one semester at 10 hours per week)
  - b. 300 hours of mentored research (equivalent of two semesters at 10 hours per week)
3. Attendance at two (2) CRSP workshops (e.g., getting started in research, research ethics, literature/database searches, citation/reference management software, digital media, etc.)
4. Presentation at the UNC–Chapel Hill Celebration of Undergraduate Research, a campus conference that is open to the public, or a professional conference.

All courses require a grade of C or better with the exception of IDST 184 and IDST 194 (Pass/Fail).

Participants who complete these requirements receive official University recognition on their transcripts for their contributions to undergraduate research.

The OUR maintains several searchable databases. These include listings of research methods courses, research-intensive courses in which over half of class time is devoted to students' conducting original research and presenting research conclusions, and research-exposure courses that provide students with research experiences guided by Graduate Research Consultants (GRCs). The OUR sponsors the Celebration of Undergraduate Research each spring, allowing students to present their results to the campus and community. In addition, OUR offers opportunities for undergraduate students to apply for Summer Undergraduate Research Fellowships (SURFs) and for travel awards to present their research at professional meetings.

## Undergraduate Internships

Many departments and curricula offer internship credit (see list below). Students who are interested in this option should plan ahead by checking with the relevant department/curricula about available opportunities, deadlines, and the academic requirements for holding an internship.

### Departments, Curricula, and Schools African, African American, and Diaspora Studies

Code	Title	Hours
AAAD 293	Individual Internships for Majors and Minors	1-3

Visit the department Web site (<https://aaad.unc.edu>) for additional information.

### American Studies

Code	Title	Hours
AMST 493	Internship	1-3

Visit the department Web site (<https://americanstudies.unc.edu/undergraduate-studies/other-opportunities>) for additional information.

### Anthropology

Code	Title	Hours
ANTH 393	Internship in Anthropology	1-12

Visit the department Web site (<https://anthropology.unc.edu/undergraduate-program/internships>) for additional information.

### Archaeology

Code	Title	Hours
ARCH 393	Internship in Archaeology	3-6

Visit the department Web site (<https://archaeology.sites.unc.edu/home/ca>) for additional information.

### Art and Art History

Code	Title	Hours
ARTH 293	Art History Practicum	3
ARTS 493	Studio Art Practicum or Internship	3

Visit the department Web site (<https://art.unc.edu>) for additional information.



## Biology

Code	Title
BIOL 293	Undergraduate Internship in Biology

Visit the department Web site (<https://bio.unc.edu/undergraduate/opportunities/internships>) for additional information.

## Biostatistics

Code	Title
BIOS 392	Undergraduate Internship

Visit the department Web site (<https://sph.unc.edu/students/internships>) for additional information.

## Business School (Kenan-Flagler)

Code	Title	Hours
BUSI 493	Business Internship Project I	3
BUSI 593	Business Internship Project II	3

Visit the School Web site (<http://www.kenan-flagler.unc.edu/programs/undergraduate-business/career-services>) for additional information.

## Communication

Code	Title
COMM 393	Internships

Visit the department Web site (<https://comm.unc.edu/undergraduate-studies/internships>) for additional information.

## Computer Science

Code	Title
COMP 293	Internship in Computer Science

Visit the department Web site (<https://cs.unc.edu/academics/undergraduate/internships>) for additional information.

## Dramatic Art

Code	Title	Hours
DRAM 393	Professional Theatre Laboratory	1-12
DRAM 493	Theatre Management	3

Visit the department Web site (<http://drama.unc.edu/programs-of-study/undergraduate-studies>) for additional information.

## Economics

Code	Title	Hours
ECON 293	Internship	3
ECON 327	Business Venturing Workshop <sup>H</sup>	3
ECON 393	Practicum in Entrepreneurship <sup>H</sup>	3-6

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Visit the department Web site (<https://econ.unc.edu/undergraduate/econ-293>) for additional information.

## Education

Hours	Code	Title	Hours
3	EDUC 593	Internship/Student Teaching	1-12
	EDUC 698	Internship in Human Development and Family Studies	9

Visit the School Web site ([https://soe.unc.edu/services/student\\_affairs/forms/student\\_teaching](https://soe.unc.edu/services/student_affairs/forms/student_teaching)) for additional information.

## Environment, Ecology, and Energy

Code	Title	Hours
ENEC 393	Internship in Sustainability	3
ENEC 493	Environmental Internship	1-4

Visit the department Web site (<https://cee.unc.edu/undergraduate/field-sites-capstones-and-internships>) for additional information.

## Environmental Sciences and Engineering

Code	Title	Hours
ENVR 593	Undergraduate Practicum in Environmental Health Sciences	1-3

Visit the department Web site (<https://sph.unc.edu/programs/?ppk=ese-bsph-r>) for additional information.

Hours

1-3

## Exercise and Sport Science

Code	Title	Hours
EXSS 493	Field Experience in Sport Administration	3
EXSS 593	Practicum in Physical Fitness and Wellness	1-3

Hours Visit the department Web site (<https://exss.unc.edu/undergraduate-program/ba-sport-administration/internships>) for additional information.

3

## Geography

Code	Title	Hours
GEOG 493	Internship	3

Hours Visit the department Web site (<https://geography.unc.edu/undergraduates/honors>) for additional information.

1-12

## Germanic and Slavic Languages and Literatures

Code	Title	Hours
GERM 493	Internship in German	3

Visit the department Web site (<https://gsll.unc.edu/courses/internships>) for additional information.

## Global Studies

Code	Title	Hours
GLBL 193	Global Studies Internship	1

Visit the department Web site (<https://globalstudies.unc.edu/internship>) for additional information.

## History

Code	Title	Hours
HIST 493	Internship in History	1-3

HIST 593 Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program 3

Visit the department Web site (<http://history.unc.edu/undergraduate-program/internship-opportunities-for-history-majors>) for additional information.

## Linguistics

**Code Title**  
LING 493 Internship in Linguistics 3

Visit the department Web site (<http://linguistics.web.unc.edu/undergrad-program>) for additional information.

## Music

**Code Title**  
MUSC 493 Music Internship 3

Interested students should contact Professor Tonu Kalam ([kalam@email.unc.edu](mailto:kalam@email.unc.edu)) for additional information.

## Peace, War, and Defense

**Code Title**  
PWAD 393 Internship in Peace, War, and Defense 3-6

Visit the department Web site (<http://pwad.web.unc.edu/related-links/internship-opportunities>) for additional information.

## Political Science

**Code Title**  
POLI 193 Internship in Political Science 3

Visit the department Web site (<https://politicalscience.unc.edu/undergraduate/internships>) for additional information.

## Psychology and Neuroscience

**Code Title**  
PSYC 493 Internship in Psychology 3

Visit the department Web site (<https://psychology.unc.edu/gil-internship>) for additional information.

## Public Policy

**Code Title**  
PLCY 293 Internship in Public Policy 3

Visit the department Web site (<https://publicpolicy.unc.edu/academics/experiential-education>) for additional information.

## Romance Studies

**Code Title**  
ROML 293 Internship in Romance Studies 3

Visit the department Web site (<https://romancestudies.unc.edu/undergraduate/research>) for additional information.

## School of Information and Library Science

**Code Title**  
INLS 393 Information Science Internship 3

Visit the department Web site (<https://sil.unc.edu/careers/jobs-internships/internships>) for additional information.

## School of Media and Journalism

**Code Title Hours**  
MEJO 393 Mass Communication Practicum 1

Visit the department Web site (<http://mj.unc.edu/career-services/internships-credit>) for additional information.

## Sociology

**Code Title Hours**  
SOCI 393 Independent Experiential Internship 1-3

Visit the department Web site (<https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships>) for additional information.

## Statistics and Operations Research

**Code Title Hours**  
STOR 493 Internship in Statistics and Operations Research 3

Visit the department Web site (<https://stat-or.unc.edu/programs/statistics-and-analytics>) for additional information.

## Women's and Gender Studies

**Code Title Hours**  
WGST 393 Practicum in Women's and Gender Studies 3

Visit the department Web site (<https://womensstudies.unc.edu/courses-degrees/internship>) for additional information.

# Honors Carolina

## Contact Information

**Hours Honors Carolina**  
3 Visit Program Website (<http://honorscarolina.unc.edu>)  
218 E. Franklin Street  
(919) 966-5110

**James Leloudis, Associate Dean for Honors**  
[leloudis@unc.edu](mailto:leloudis@unc.edu)

**Hours Ritchie Kendall, Assistant Dean for Honors**  
3 [rkendall@email.unc.edu](mailto:rkendall@email.unc.edu)

Honors Carolina is a remarkable collection of courses, special events, and learning opportunities geared toward the top students at Carolina. It is the University's way of investing in truly exceptional undergraduate students by providing academic and nonacademic challenges and opportunities, both inside and outside the classroom.

**Hours**  
3 Some enrolling first-year students are invited to participate immediately in Honors Carolina. Other students may apply to the program at the end of their first semester or first year of study. Details of the application process are available on the Honors Carolina (<http://honorscarolina.unc.edu>) Web site. Honors Carolina students must maintain a cumulative grade point average of 3.000 or higher and complete a minimum number of honors credit hours by graduation in order to receive the "Honors Carolina Laureate" distinction on their transcript.

Members of Honors Carolina receive priority registration for more than 200 honors courses each year. These are small classes, taught by award-winning professors who encourage classroom discussion and hands-on research. Departments and curricula often provide honors versions of the courses listed in their sections of this bulletin; interested students also should consult the course listings at the Honors Carolina (<http://honorscarolina.unc.edu>) Web site. Honors courses are open to all academically qualified students on a space-available basis.

Honors Carolina offers programs and resources to help students explore their interests, prepare for life after graduation, and connect with students, faculty, alumni, and leaders around the globe. From professional development workshops and informal dinners with alumni to information sessions with employers and graduate schools and individual appointments with an Honors Carolina Advising and Career Guide, Honors Carolina helps students navigate their interests and plan their paths for the future.

The Honors Carolina Student Board coordinates a variety of social and cocurricular activities, including a dinner and discussion series for students and faculty, a mentoring program for first-year students, and networking receptions with distinguished alumni.

To graduate from the University with honors or highest honors (p. 102), students must complete a senior thesis in their academic major. Senior honors thesis programs are offered in nearly 50 departments, curricula, and professional schools throughout the University. Interested students should consult with the honors advisor in their major about department-specific requirements.

## Honors Beyond Chapel Hill

### Contact Information

#### Honors Beyond Chapel Hill

208 Graham Memorial, CB# 3510  
(919) 962-9680

**Gina Difino, Director**  
gina\_difino@unc.edu

**Honors Study Abroad** offers innovative learning opportunities in London, Oxford, Rome, Cape Town, Singapore, and Washington, DC. Students take courses with UNC–Chapel Hill faculty program directors and with instructors from some of the world's leading institutions of higher education. The London program is based at Winston House, UNC–Chapel Hill's European Study Center, located in Bloomsbury close to the city's leading universities and cultural institutions. All of the programs provide graded honors credit and fulfill General Education and major requirements.

**Burch Field Research Seminars** deliver unique, hands-on learning experiences that showcase the relationship between faculty research and undergraduate teaching. Seminars are held in changing locations around the globe. Recent topics have included telling the story of renewable energy in Germany and Spain, nation-building and conflict resolution in Vienna and the Balkans, entrepreneurship in Silicon Valley, and international law in Rwanda and the Hague.

**Burch Fellowships** allow students to design an educational adventure anywhere in the world. Burch Fellows receive grants up to \$6,000 to support self-designed, off-campus learning experiences like these: working with NASA astrobiologists to study the possibility of life on other

planets; jamming with jazz musicians in Cuba; studying the impacts of medical training for rural women in India.

**Carolina Blue Honors Fellowships** enable students to embark on a summer internship focused on learning and working in sports entrepreneurship abroad. Grants of up to \$5,000 support self-designed, international opportunities such as helping an athlete performance data start-up build its products in New Zealand, leading a fan engagement campaign for a sports marketing business in Barcelona, or helping a professional soccer club get off the ground in Tanzania.

**Robinson Honors Fellowships** focus on the history and culture of Europe and the Mediterranean from the golden age of Greece to the upheaval of World War I. Robinson Fellows pursue a project of their own design exploring the realms of art, art history, classics, literature, history, medieval and early modern studies, music, philosophy, political thought, and religious studies. Grants of up to \$6,000 fund experiences such as studying the construction of the great cathedrals of Europe, interning in Sotheby's Old Master Paintings division in London, or working on a Roman archaeological dig site in Israel.

**Weir Honors Fellowships in Asian Studies** allow students to become fluent in Mandarin and gain practical, independent work experience in China, home to one of the world's oldest civilizations and the 21st century's fastest growing economy. Weir Fellows spend the spring semester in Beijing for intensive language study and then complete an eight-week summer internship in either Beijing or Shanghai exploring careers in fields such as banking, law, journalism, public health, and historic preservation.

## Office of Distinguished Scholarships Contact Information

#### Office of Distinguished Scholarships

Visit Program Website (<http://honorscarolina.unc.edu/ods>)  
(919) 843-7757

**General Inquiries**  
ods@unc.edu

**Inger S. Brodey, Director**  
brodey@email.unc.edu

**Maggie Douglas, Program Assistant**  
mdouglas@unc.edu

**Sarah Morris, Library Liaison to ODS**  
semorris@live.unc.edu

The Office of Distinguished Scholarships (ODS) provides a central location for information about nationally and internationally competitive scholarships, fellowships, and internships and assists Carolina students and alumni in putting their best foot forward when applying for these awards. ODS offers regular information sessions and hands-on workshops. Staff members are available to provide general advising to any applicant for any nationally or internationally competitive award. They will also suggest interviewing strategies and can connect applicants to additional resources, including our library liaison who can assist with researching and writing project statements.

In addition, ODS administers the institutional vetting process called "endorsement" for 14 scholarship and fellowship programs:

- Beinecke (for juniors)

- Boren (all years)
- Churchill (for seniors and alumni)
- Goldwater (for sophomores and juniors)
- James C. Gaither (formerly Carnegie) (for seniors and alumni)
- Knight-Hennessy (for seniors and alumni)
- Luce (for seniors and alumni)
- Marshall (for seniors and alumni)
- Mitchell (for seniors and alumni)
- Rhodes (for seniors and alumni)
- Schwarzman (for seniors and alumni)
- Truman (for juniors)
- Udall (for sophomores and juniors)
- Yenching (for seniors and alumni)

ODS strongly believes that the preparation required to compete for the prestigious scholarships is an important educational opportunity. In applying for these scholarships, candidates improve their self-awareness and ability to articulate not only their past accomplishments but also their goals and priorities for the future. See the Honors Carolina Web site (<http://ods.unc.edu>) for a list of many more opportunities for students and alumni.

## Languages Across the Curriculum

### Contact Information

#### Languages Across the Curriculum

Visit Program Website (<https://areastudies.unc.edu/lac>)  
919-962-1375

#### Robert Anderson, Coordinator

[roberto@email.unc.edu](mailto:roberto@email.unc.edu)

The LAC program offers students the opportunity to use world languages in a variety of courses outside the language and literature curricula.

The program aims to promote a better understanding of world regions while demonstrating the relevance of practical language skills across the disciplines.

Successful completion of a LAC course option will improve students' ability to:

1. Communicate in the target language about course topics;
2. Describe how course topics relate to world regions that speak the target language;
3. Explain course topics from the perspective(s) of individuals who use the target language;
4. Use the target language to conduct course research.

Administratively housed in the Center for Global Initiatives, the LAC program receives support from the College of Arts and Sciences and from six Title VI National Resources Centers for international and area studies: the African Studies Center, the Carolina Asia Center, the Carolina Center for the Study of the Middle East and Muslim Civilizations, the Center for European Studies, the Center for Global Initiatives, and the Institute for the Study of the Americas.

Since spring 1996, the LAC program has offered course options in a variety of languages, disciplines and course formats. Currently, LAC courses are offered in Arabic, Chinese, French, German, Italian,

Portuguese, Spanish, and Swahili. Students who enroll in LAC recitation or discussion sections can receive one graded hour of world language credit. Some three-hour seminars in the target language are also available.

There are several types of LAC courses. For course offerings (by semester) and additional information, visit the program's Web site (<http://areastudies.unc.edu/lac>).

Code	Title	Hours
<b>Languages Across the Curriculum Courses</b>		
ARAB 308	Arabic Languages across the Curriculum Recitation	1
CHIN 308	Chinese Languages across the Curriculum Recitation	1
FREN 308	LAC Recitation	1
GERM 388	Discussion Section in German	1
	or GERM 389 LAC Recitation	
ITAL 308	LAC Recitation	1
PORT 408	LAC Recitation	1
SPAN 308	LAC Recitation	1
SWAH 408	Swahili Across the Curriculum Recitation	1

## Student Life and Leadership

### Contact Information

#### Student Life and Leadership

Visit Program Website (<https://carolinaunion.unc.edu>)  
2501 Frank Porter Graham Student Union, CB#5210  
(919) 962-8338

#### Bobby Kunstman, Director for Student Life and Leadership

[bobby.kunstman@unc.edu](mailto:bobby.kunstman@unc.edu)

The Office of Student Life and Leadership is the center for student involvement and leadership at UNC. The office houses Student Organizations, Leadership Development, CUAB, Assessment and Development, and Student Government.

The **Student Organization** team works with all student organizations to facilitate their use of University resources and to empower students in their provision of services, programs, and activities that enhance the academic experience, extend learning, and build community here at Carolina. They coordinate the official student organization registration process for the University, offer educational programs for organizations' officers and members, and assist all students in finding involvement opportunities.

**Leadership Development** offers a variety of programs, services, and academic courses for all students interested in leadership at UNC. The Leadership Development team is committed to serving the Carolina community by advocating for leadership as a process of social change. Various programs and activities are offered that help students develop competencies needed to be effective leaders. Additionally, two academic courses are offered: EDUC 317 and EDUC 309 where students learn theory that will help them to develop their leadership style and skills as well as understand how to incorporate those skills to lead and create positive social change.

The **Carolina Union Activities Board** (CUAB) enhances life at Carolina through high-quality programming and events for the entire University

community. These include films, art, music, entertainment, and more. Students can become involved in CUAB and help to build the Carolina community by helping to plan and implement engaging activities to reach all students.

**Assessment and Development** focuses on measuring the impact of co-curricular programs and services championed by Student Life and Leadership and the Carolina Union. Additionally, this area of Student Life and Leadership also oversees the employment experiences of students working in the Carolina Union. This area offers professional and leadership development opportunities which empower participants to make connections between their aspirations and the transferrable skills gained through employment in the Carolina Union at the student and full-time staff level.

**Student Government** is the representative liaison before administrators, faculty, the Board of Trustees and Governors, and even the state legislature. Student Government works to address policy issues that matter to UNC and its students, handle funding requests for student organizations, maintain the Student Government Code (the rules by which Student Government operates), and respond to requests for help from students in a broad range of issues regarding student life at UNC–Chapel Hill.

## North Carolina Fellows Program

The N.C. Fellows Program is a three-year cohort-based leadership program that has been present on the UNC–Chapel Hill campus since 1968. The program seeks to reimagine traditional understandings of leadership by engaging in meaningful dialogue, creating a supportive community, increasing self-awareness among its members, and encouraging positive change. Program elements include a new member retreat, an annual all-Fellows retreat, a three-credit-hour course for sophomore students, a one-credit capstone course for senior students, and monthly seminars throughout the experience. Interested students can apply during the spring semester of their first year.

For more information, contact Shauna Harris ([shauna.harris@unc.edu](mailto:shauna.harris@unc.edu)).

## Summer Bridge

### Contact Information

#### Summer Bridge

Visit Program Website (<http://summerbridge.unc.edu>)

2203 SASB North, CB# 3106

(919) 966-2143

#### Marcus Collins, Director

[collinsm@email.unc.edu](mailto:collinsm@email.unc.edu)

#### Euna Victoria Chavis, Program Coordinator

[evchavis@email.unc.edu](mailto:evchavis@email.unc.edu)

Summer Bridge is a six-week transition program that helps incoming first-year students adjust to Carolina by providing academic enrichment, community building, and co-curricular and experiential learning activities. The program is designed to ease participants' personal and academic transition from high school to the University. Students enroll in two academic courses, which usually represent a combination of English composition and quantitative skills. They also participate in activities designed to supplement their summer experience by engaging in high-impact learning experiences often facilitated by units such as the UNC Learning and Writing Centers, University Career Services, and Student

Life and Leadership. Additionally, cultural and recreational activities are significant components of the program, as students are introduced to the University and the array of opportunities and resources available. Any student who has been admitted to UNC–Chapel Hill and is a North Carolina resident is eligible to apply.



# DEPARTMENTS

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## A

- Aerospace Studies (p. 118)
- African, African American, and Diaspora Studies (p. 121)
- American Studies (p. 132)
- Anthropology (p. 165)
- Applied Physical Sciences (p. 186)
- Archaeology (p. 188)
- Art (p. 195)
- Asian Studies (p. 227)

## B

- Biochemistry and Biophysics (p. 274)
- Biology (p. 276)
- Biomedical Engineering (p. 303)
- Biostatistics (p. 312)

## C

- Cell Biology and Physiology (p. 317)
- Chemistry (p. 318)
- City and Regional Planning (p. 338)
- Classics (p. 343)
- Communication (p. 359)
- Computer Science (p. 377)

## D

- Dramatic Art (p. 390)

## E

- Economics (p. 401)
- English and Comparative Literature (p. 413)
- Environment, Ecology, and Energy (p. 457)
- Environmental Sciences and Engineering (p. 484)
- European Studies (p. 494)
- Exercise and Sport Science (p. 499)

## G

- Geography (p. 517)
- Geological Sciences (p. 530)
- Germanic and Slavic Languages and Literatures (p. 545)
- Global Studies (p. 582)

## H

- Health Policy and Management (p. 592)
- History (p. 599)

## I

- Interdisciplinary Studies (p. 631)

## L

- Latin American Studies (p. 634)

- Linguistics (p. 639)

## M

- Marine Sciences (p. 648)
- Mathematics (p. 655)
- Microbiology and Immunology (p. 669)
- Military Science (p. 671)
- Music (p. 674)

## N

- Naval Science (p. 695)
- Nutrition (p. 700)

## P

- Pathology and Laboratory Medicine (p. 704)
- Peace, War, and Defense (p. 705)
- Philosophy (p. 719)
- Physics and Astronomy (p. 734)
- Political Science (p. 755)
- Psychology and Neuroscience (p. 770)
- Public Policy (p. 794)

## R

- Religious Studies (p. 807)
- Romance Studies (p. 844)

## S

- Sociology (p. 882)
- Statistics and Operations Research (p. 900)

## W

- Women's and Gender Studies (p. 908)

## College of Arts and Sciences

### Division of Fine Arts

- Art and Art History (p. 195)
- Dramatic Art (p. 390)
- Music (p. 674)

### Division of the Humanities

- American Studies (p. 132)
- Classics (p. 343)
- Communication (p. 359)
- English and Comparative Literature (p. 413)
- Germanic and Slavic Languages and Literatures (p. 545)
- Linguistics (p. 639)
- Philosophy (p. 719)
- Religious Studies (p. 807)
- Romance Studies (p. 844)
- Women's and Gender Studies (p. 908)

### Division of Natural Sciences and Mathematics

- Applied Physical Sciences (p. 186)

- Biology (p. 276)
- Biomedical Engineering (p. 303)
- Chemistry (p. 318)
- Computer Science (p. 377)
- Environment, Ecology, and Energy (p. 457) (program)
- Exercise and Sport Science (p. 499)
- Geological Sciences (p. 530)
- Marine Sciences (p. 648)
- Mathematics (p. 655)
- Physics and Astronomy (p. 734)
- Psychology and Neuroscience (p. 770)
- Statistics and Operations Research (p. 900)

## **Division of Social and Behavioral Sciences**

- Aerospace Studies (p. 118)
- African, African American, and Diaspora Studies (p. 121)
- Anthropology (p. 165)
- Archaeology (p. 188) (curriculum)
- Asian Studies (p. 227)
- City and Regional Planning (p. 338)
- Economics (p. 401)
- European Studies, Contemporary (p. 494) (curriculum)
- Geography (p. 517)
- Global Studies (p. 582) (curriculum)
- History (p. 599)
- Latin American Studies (p. 634) (curriculum)
- Military Science (p. 671)
- Naval Science (p. 695)
- Peace, War, and Defense (p. 705) (curriculum)
- Political Science (p. 755)
- Public Policy (p. 794)
- Sociology (p. 882)

## **School of Medicine**

- Biochemistry and Biophysics (p. 274)
- Cell Biology and Physiology (p. 317)
- Clinical Laboratory Science (p. 997) (division)
- Microbiology and Immunology (p. 669)
- Radiologic Science (p. 1002) (division)
- Pathology and Laboratory Medicine (p. 704)
- Speech and Hearing Sciences (p. 1006) (division)

## **Gillings School of Global Public Health**

- Biostatistics (p. 312)
- Environmental Sciences and Engineering (p. 484)
- Health Policy and Management (p. 592)
- Nutrition (p. 700)

# DEPARTMENT OF AEROSPACE STUDIES

## Contact Information

### Department of Aerospace Studies

Visit Program Website (<http://afrotc.unc.edu>)

ROTC Armory, 221 South Columbia Street, CB# 7480  
(919) 962-2074

**Kenneth Cates, Chair**

## Introduction

The United States Air Force Reserve Officer Training Corps (AFROTC) program provides leadership and Air Force-specific training to students pursuing a career as an officer in the United States Air Force. The AFROTC program is open to students looking for a challenging career and the opportunity to support and defend the Constitution of the United States. AFROTC is more than just a department in the College of Arts and Sciences; it is a professional organization designed to provide students growth, development, and leadership opportunities beyond the classroom. Cadets learn and develop these skills through hands-on experiences both inside and outside the traditional classroom setting.

## The Air Force ROTC Program

### Four-Year Traditional ROTC Program

This program is for students who enroll as cadets in AFROTC and plan to graduate in four years with a commission as an Air Force second lieutenant. Each year of the program cadets must take the appropriate aerospace studies course and AERO 500 Leadership Laboratory, and participate in weekly physical training. In the spring of the sophomore year, cadets will compete for an Officer Commissioning Enrollment Allocation, which gives them a spot to attend a four-week field training course in the summer. Successful completion of field training grants entry into the Professional Officer Corps (POC) for the junior and senior years. Cadets in the POC refine their leadership skills and prepare for a United States Air Force active duty commission upon graduation.

### Nontraditional ROTC Program

Students who do not enroll in Air Force ROTC in their first semester are still eligible to participate in the program. They will participate in the same academic courses, leadership laboratory, and physical training as traditional students. All nontraditional cadets will be required to complete AERO 101, AERO 102, AERO 201, and AERO 202 prior to attending field training.

### Interested Students

First- and second-year students seeking to learn more about the Air Force and ROTC can take AERO 101, AERO 102, AERO 201, or AERO 202 with no obligation. These courses provide a solid introduction to Air Force operations and culture, providing students with the necessary information to make an informed decision about whether the Air Force interests them.

## Advising

All majors and minors have a primary academic advisor in Steele Building. At a minimum, students who join the AFROTC program are required to meet with their advisor every fall term to develop and update

their academic plan. The department's education officer and academic instructors help oversee this process. For information on Air Force officer careers, please visit [www.afrotc.com](http://www.afrotc.com) (<http://www.afrotc.com>).

## Special Opportunities in Aerospace Studies

### Scholarships and Financial Assistance

Two- to 3.5-year scholarships are available to students based on merit or specialized major (e.g., foreign language or nursing). In most cases, these scholarships cover tuition and fees, and provide a tax-free allowance (\$250 to \$400 each month) and a textbook allowance (\$600) each semester. The scholarship does not cover room and board.

### Foreign Language/Study Abroad Stipend and Opportunities

All contract and scholarship cadets are eligible to earn up to \$3,000 per academic year for studying a foreign language or participating in a study abroad program.

Air Force ROTC cadets are uniquely eligible to participate in Department of Defense language grant programs through major universities, often involving study abroad. See [www.rotcprojectgo.org](http://www.rotcprojectgo.org) (<http://www.rotcprojectgo.org>) or contact the unit admissions officer for more information.

### Extracurricular Activities

The AFROTC experience is much more than classroom studies. Cadets participate in a range of activities. These include social functions such as a formal dinner, fundraising events, color guard at home football and basketball games, volunteer work in the community, and field trips to military bases. Recent cadet activities are highlighted on a public Facebook page (<http://www.facebook.com/UNC.AFROTC.DET590>).

Arnold Air Society (AAS) is a national service organization dedicated to furthering the traditions, purposes, and concepts of the United States Air Force as a military organization and a professional calling. The local AAS chapter is active nationwide, and AFROTC cadets attend the regional and national conventions each year.

### Guaranteed Job Placement

Successful AFROTC program graduates are commissioned as second lieutenants in the United States Air Force.

### Minor

- Aerospace Studies Minor (p. 119)

## Professor

Kenneth Cates, Lieutenant Colonel, U.S. Air Force.

## Assistant Professors

Annamaria Vesely, Captain, U.S. Air Force.

MaDana Bivens, Captain, U.S. Air Force.

## AERO—Aerospace Studies

### Undergraduate-level Courses

#### AERO 101. United States Air Force Today. 1 Credit.

An introduction to AFROTC and the United States Air Force (USAF); customs and courtesies, officer opportunities, core values, and communications skills.

**Grading status:** Letter grade.

#### AERO 102. United States Air Force Today. 1 Credit.

An introduction to the United States Air Force organization and mission.

**Grading status:** Letter grade.

#### AERO 190. Seminar. 1-3 Credits.

Seminar in topics related to the United States Air Force.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### AERO 196. Independent Study. 1-3 Credits.

Readings and research of topics regarding the United States Air Force.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### AERO 201. The Evolution of United States Air Force Air and Space Power. 1 Credit.

Examines general aspects of air and space power through a historical perspective from the first balloons and dirigibles to the Cold War.

**Grading status:** Letter grade.

#### AERO 202. The Evolution of United States Air Force Air and Space Power. 1 Credit.

Examines general aspects of air and space power through a historical perspective from post-Cold War military operations through the Global War on Terror.

**Grading status:** Letter grade.

#### AERO 213. Air Power and Modern Warfare. 3 Credits.

Examines air power theory and practice from 1914 to the present.

Focuses on the application of air power as an instrument of war and the effectiveness of that application.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 213, PWAD 213.

#### AERO 301. Contemporary Leadership and Management. 3 Credits.

Part one of a two-part course concerning contemporary leadership and management. Emphasizes modern-day experiences, successes, and failures, with various theories on motivating people, organizing, and managing. Lectures and discussion focus on application of various principles as an Air Force officer. Class participation, comprehension, and oral communication skills are stressed.

**Requisites:** Prerequisites, AERO 101, 102, 201, and 202.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### AERO 302. Contemporary Leadership and Management. 3 Credits.

A continuation of AERO 301. Class participation, comprehension, and written communication skills will be stressed.

**Requisites:** Prerequisites, AERO 101, 102, 201, and 202.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### AERO 393. Air and Space Expeditionary Training. 1 Credit.

Provides leadership training in a military environment. Professional development is achieved through academics, physical fitness, marksmanship, and leadership exercises. Course culminates in a simulated expeditionary deployment to a combat zone.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

#### AERO 401. National Security Affairs and Preparation for Active Duty. 3 Credits.

Summer field training required. Examines issues relevant to new Air Force officers with an emphasis on national security issues and Department of Defense and U.S. Air Force organizational structures and function.

**Requisites:** Prerequisites, AERO 101, 102, 201, and 202.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

#### AERO 402. The Military and Contemporary Society. 3 Credits.

Survey and analysis of the major issues affecting officers in the Air Force. Lectures and discussions center on gaining insight into the military officer, military law, ethics, law of armed conflict, and preparing for active duty as a second lieutenant. Class participation, comprehension, written and oral communication skills are stressed.

**Grading status:** Letter grade.

#### AERO 500. Leadership Laboratory. 0 Credits.

Required for all AFROTC cadets. This laboratory is conducted by the cadet corps and involves career opportunities in the USAF, life and work of the USAF junior officer, and military ceremonies.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

## Aerospace Studies Minor

### Contact Information

#### Department of Aerospace Studies

Visit Program Website (<http://afrotc.unc.edu>)

ROTC Armory, 221 South Columbia Street, CB# 7480

(919) 962-2074

#### Kenneth Cates, Chair

The minor in aerospace studies is a 14-credit-hour, nontechnical course of study open to all UNC—Chapel Hill students. The minor entails topics such as the U.S. Air Force today; the history of U.S. Air Force air power; leadership, management, and ethics training; and national security affairs. An aerospace studies minor is useful to anyone interested in employment in federal government (particularly the Department of Defense) or the defense industry.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC—Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Students may select courses for the minor from the following list:		14
AERO 101	United States Air Force Today	
AERO 102	United States Air Force Today	
AERO 201	The Evolution of United States Air Force Air and Space Power	
AERO 202	The Evolution of United States Air Force Air and Space Power	
AERO 301	Contemporary Leadership and Management	
AERO 302	Contemporary Leadership and Management	
AERO 393	Air and Space Expeditionary Training	
AERO 401	National Security Affairs and Preparation for Active Duty	
AERO 402	The Military and Contemporary Society	
AERO/HIST/ PWAD 213	Air Power and Modern Warfare	
Total Hours		14

Students must complete a minimum of 12 hours of coursework with a grade of C or better. The remaining two hours must be completed with a grade of C- or better.



# DEPARTMENT OF AFRICAN, AFRICAN AMERICAN, AND DIASPORA STUDIES

## Contact Information

Department of African, African American, and Diaspora Studies  
Visit Program Website (<http://aaad.unc.edu>)  
104 Battle Hall, CB# 3395  
(919) 966-5496

Eunice Sahle, Chair

Kenneth Janken, Director of Undergraduate Studies (On leave Fall 2018)  
[krjancken@email.unc.edu](mailto:krjancken@email.unc.edu)

Claude Clegg, Acting Director of Undergraduate Studies (for Fall 2018)  
[cclegg@email.unc.edu](mailto:cclegg@email.unc.edu)

## Introduction

The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world. Included on our faculty are award-winning teachers and recognized scholars whose work in and out of the classroom covers all major regions of Africa, the United States, and increasingly other parts of the Atlantic African Diaspora, including the Caribbean and Latin America. We approach these areas of study from multiple perspectives and disciplines, and the department's faculty members are trained in the fields of anthropology, film, history, international development studies, law, linguistics, literature, music, and political science.

## Advising

We encourage students to talk with the director of undergraduate studies when they declare the major in African, African American, and Diaspora studies. The director of undergraduate studies is also available to students who are interested in the department's offerings at other times in their academic careers.

## Graduate School and Career Opportunities

The skills and perspectives of African, African American, and Diaspora studies provide an excellent background for students considering careers in international development, education, business, government, or diplomacy. Students go on to a variety of managerial, teaching, and research positions. Other careers for which the major is excellent preparation include law, communication, social work, community development, and public administration.

### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 128)

### Minors

- African Studies Minor (p. 130)
- African American and Diaspora Studies Minor (p. 131)

## Professors

Kia Caldwell, Claude A. Clegg III, Kenneth Janken, Georges Nzongola-Ntalaja.

## Associate Professors

Lydia Boyd, Perry Hall, Michael Lambert, Margaret Lee, David Pier, Charlene Regester, Eunice Sahle.

## Assistant Professors

Maya Berry, Petal Samuel, Ronald Williams II.

## Teaching Assistant Professors

Samba Camara, Alphonse Mutima, Mohamed Mwamzandi, Robert Porter.

## Lecturers

Donato Fhunsu.

## AAAD–African, African American, and Diaspora Studies

The department has adopted the following numbering system for all AAAD courses numbered above 99:

- Courses ending in 00 to 29: African studies
- Courses ending in 30 to 59: African American studies
- Courses ending in 60 to 84: African Diaspora outside the United States
- Courses ending in 85 to 99: Courses that cross geography; dedicated courses whose numbers are reserved by the University Registrar, such as independent studies and internships.

## Undergraduate-level Courses

### AAAD 50. First-Year Seminar: Defining Blackness. 3 Credits.

Blackness and whiteness as racial categories have existed in the United States from the earliest colonial times, but their meanings have shifted and continue to shift. Over the semester we will attempt to define and redefine blackness in the United States.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

### AAAD 51. First-Year Seminar: Masquerades of Blackness. 3 Credits.

This course is designed to investigate how race has been represented in cinema historically with an emphasis on representations of race when blackness is masqueraded.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

### AAAD 53. First-Year Seminar: Experimentalism in Global Black Music and Performance Arts. 3 Credits.

This seminar focuses on artists from around the world who have taken an experimental approach to music-making and performance, inspired by black politics, culture, and history. Considers the special challenges blacks have faced in the field of "modernism." Students may opt to do creative artistic projects in lieu of a final research paper.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**AAAD 54. First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging. 3 Credits.**

This discussion-oriented seminar will use the works of African authors and filmmakers to explore how this dimension of the African experience has in part shaped the everyday lives of the peoples of the African continent.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**AAAD 89. First Year Seminar: Special Topics. 3 Credits.**

Special Topics Course: content will vary each semester

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**AAAD 101. Introduction to Africa. 3 Credits.**

Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**AAAD 130. Introduction to African American and Diaspora Studies. 3 Credits.**

The course tracks the contours of history, life, societies, and cultures of the Atlantic African diaspora from their origins through Emancipation in the United States, the Caribbean, and South America.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AAAD 159. The History of the Black Church and Social Change. 3 Credits.**

A survey of the historical development of the black church in America, beginning during the antebellum period and continuing to the present day.

**Grading status:** Letter grade.

**AAAD 200. Gender and Sexuality in Africa. 3 Credits.**

Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** WGST 200.

**AAAD 201. Introduction to African Literature. 3 Credits.**

An introduction to African literature, with an emphasis on works by writers from the late colonial period to the present, and including a survey of different genres.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**AAAD 202. African Film and Performance. 3 Credits.**

This course examines the misrepresentation of Africa and Africans in western colonial films and how African filmmaking and performing have responded to the colonialist narrative.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**AAAD 210. African Belief Systems: Religion and Philosophy in Sub-Saharan Africa. 3 Credits.**

Topics such as the impact of colonialism and missionization on African societies, the changing practice of Islam in Africa, and the intersection of religious and political unrest in postcolonial societies are addressed.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 211. African Art and Culture. 3 Credits.**

Introduction to the plastic arts of sub-Saharan Africa through study of their relationship to the human values, institutions, and modes of aesthetic expression of select traditional and modern African societies.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**AAAD 212. Africa in the Global System. 3 Credits.**

This course provides a critical examination of the historical and theoretical bases for understanding the challenges and opportunities facing African states and societies in the current global system, which is dominated by neoliberal globalization.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**AAAD 214. Africa through the Ethnographic Lens. 3 Credits.**

This course examines the ways by which anthropologists have used ethnographic texts to describe and frame African societies. Among the topics explored through a close textual reading of both classical and contemporary ethnographic texts are systems of thought, politics, economics, social organization and the politics of representation.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 231. African American History since 1865. 3 Credits.**

Special emphasis on postemancipation developments.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AAAD 232. Black Women in America. 3 Credits.**

An examination of the individual and collective experiences of black women in America from slavery to the present and the evolution of feminist consciousness.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 266.

**AAAD 237. African American Art Survey. 3 Credits.**

An introduction to African American art and artists and their social contexts from early slavery.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** ARTH 287.

**AAAD 238. African American Literature Survey. 3 Credits.**

This course is an introductory and chronological study of the African American literary canon. It examines various African American literary genres, including slave narratives, poetry, and the novel.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**AAAD 240. African American Politics. 3 Credits.**

A survey of African American political development from emancipation to the present. The course examines the dynamics of minority group politics with African Americans as the primary unit of analysis. Students consider African American politics in domestic and global contexts and issues of local, regional, national, and international relevance.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** POLI 240.

**AAAD 250. The African American in Motion Pictures: 1900 to the Present. 3 Credits.**

This course will analyze the role of the African American in motion pictures, explore the development of stereotypical portrayals, and investigate the efforts of African American actors and actresses to overcome these portrayals.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**AAAD 252. Blacks in the West. 3 Credits.**

Blacks in the West is a survey course that examines the origins, migration, and development of African descended peoples in the United States west of the Mississippi River.

**Gen Ed:** US.

**Grading status:** Letter grade.

**AAAD 254. Blacks in North Carolina. 3 Credits.**

This course is an overview of the black experience in North Carolina with special emphasis on Chapel Hill and Wilmington.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AAAD 257. Black Nationalism in the United States. 3 Credits.**

This course traces the evolution of black nationalism, both as an idea and a movement, from the era of the American Revolution to its current Afrocentric expressions.

**Grading status:** Letter grade.

**AAAD 258. The Civil Rights Movement. 3 Credits.**

An examination of the struggle by black Americans for social justice since World War II and of the systemic responses.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**AAAD 259. Black Influences on Popular Culture. 3 Credits.**

This course examines the influence of African American expressive culture, particularly popular music, on American mainstream culture.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**AAAD 260. Blacks in Latin America. 3 Credits.**

The majority of people of African descent in this hemisphere live in Latin America. This course will explore various aspects of the black experience in Latin America.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**AAAD 261. Afro-Cuban Dance: History, Theory, and Practice. 3 Credits.**

Course interrogates concepts such as religion, folklore, nation, blackness, gender, history, and dance. Concepts illustrated through readings, movement practice (dance classes), and spectatorship.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**AAAD 278. Black Caribbeans in the United States. 3 Credits.**

This course will look at the experiences of black Caribbean immigrants in the United States and the activities in which they participate, as well as their shifting senses of their identities.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**AAAD 284. Contemporary Perspectives on the African Diaspora in the Americas. 3 Credits.**

An interdisciplinary survey of African-descendant communities and the development and expression of African/black identities in the context of competing definitions of diaspora.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**AAAD 286. The African Diaspora in the Colonial Americas, 1450-1800. 3 Credits.**

Explores the experiences of Africans in European colonies in locations such as colonial Mexico, Brazil, the Caribbean, and mainland North America. Lecture and discussion format. The major themes of inquiry include labor, law, gender, culture, and resistance, exploring differing experiences based on gender, location, and religion.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**AAAD 287. Health Equity in the African Diaspora. 3 Credits.**

Examines historical and contemporary processes shaping health and well-being in Africa Diaspora communities. Emphasis will be placed on health and health equity within African-descendant communities in the United States, Haiti, and Brazil.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**AAAD 288. Black Popular Cultures: Global Scopes. 3 Credits.**

Through profound analysis of key aspects of black popular cultures in their global diversity, this course tackles fundamental questions about the meanings of black identity, identification, and belonging.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**AAAD 290. Topics in African, African American, and Diaspora Studies. 3 Credits.**

Subject matter will vary by instructor. Course description available from department office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AAAD 293. Individual Internships for Majors and Minors. 1-3 Credits.**

Students work internships and develop, in conjunction with a faculty supervisor, an academic project relating to their internship experience. Permission of the director of undergraduate studies required.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**AAAD 298. Blacks in British North America to 1833. 3 Credits.**

This course looks at blacks in the British world to 1833, with particular attention on the 13 colonies and the lands that would eventually form the Dominion of Canada.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**AAAD 300. Cultures of Health and Healing in Africa. 3 Credits.**

This course explores contemporary economic, political, and social factors influencing the health and welfare of African peoples. Emphasis is placed on understanding the cultural perspectives that shape non-Western experiences of health, disease, and notions of spiritual and physical well-being. Readings draw from the fields of anthropology, history, and public health.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**AAAD 301. Contemporary China-Africa Relations. 3 Credits.**

The course examines the contemporary relationship between China and Africa. This includes China and Africa's history; China's economic, trade, strategic, and foreign policy towards Africa; as well as the relationship between China and the Africans who live and work there.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**AAAD 302. West African History, Politics, and Culture. 3 Credits.**

The first half of this course introduces students to the broad themes of West African history. The second half builds on this historical background by exploring case studies on a range of issues. Among the topics addressed in the case studies are Islam, gender, health, political violence, and globalization.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 303. Islamic Cultures in Contemporary Africa. 3 Credits.**

This course explores the cultural practices and popular artistic expressions that have shaped the identities of modern African Muslims. The course lays emphasis on the contemporary era, but, when necessary, resorts to history to shed light on present-day Muslim cultures and arts in the continent.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**AAAD 307. 21st-Century Scramble for Africa. 3 Credits.**

Examines the 21st-century global competition for African resources and compares it to the 19th-century "scramble for Africa." Major actors include the European Union, the United States, and China.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**AAAD 312. Terrorism in Africa. 3 Credits.**

This course introduces students to the phenomenon of religious-based terrorism in Africa today, its causes, dynamics, and what the states affected, regional organizations, and the international community are doing to eradicate it.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**AAAD 315. Political Protest and Conflict in Africa. 3 Credits.**

This course surveys contemporary forms of political conflict and protest in Africa. The nature, causes, and consequences of these conflicts will be examined.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 316. Public Policy and Development in Africa. 3 Credits.**

This course is a study of policy making in African states with respect to issues of sustainable development.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 318. Politics of Art in Africa. 3 Credits.**

This course considers a variety of modern African artists and art scenes in their political, economic, and cultural contexts. Likely topics include artists under Apartheid, the global trade in traditional wood carvings, and Africa's place in the global contemporary art circuit.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**AAAD 319. Africa and Masks. 3 Credits.**

Examines the production, circulation, and consumption of masks in both African and non-African contexts. Expands, nuances, and sometimes undoes our notions of mask, masquerade, and masking.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade

**Same as:** ARTH 353, ANTH 343.

**AAAD 320. Music of Africa. 3 Credits.**

An introduction to African music new and old, focusing on the continent's distinctive techniques and concepts, and on its musical interactions with the rest of the world. The politics of music making in various historical settings will be explored. Prior musical experience is helpful, but not required.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**AAAD 329. Islamic Cultures and Societies in East Africa. 3 Credits.**

This course examines Islamic influences on the cultures and societies of East Africa. Topics include introduction of Islam in the region, Swahili city states, hybrid Islamic cultures, Islam in the constitution, Wahhabi and Salafist puritanical Islam, Islam and politics, and secessionist movements and terrorism in East Africa Muslim societies.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 330. 20th-Century African American Art. 3 Credits.**

Focus on the historical development of African American art from the Harlem Renaissance of early 20th century through the Black Arts Movement and Feminist Art Movement 1960s and early 1970s.

**Gen Ed:** VP, US.

**Grading status:** Letter grade

**Same as:** ARTH 387.

**AAAD 332. Remembering Race and Slavery. 3 Credits.**

The course provides an examination of the ways that the past plays out in the present. Specifically this course examines memorials, monuments, and museums that remember and reinvent slavery and race in the United States and throughout the rest of the Diaspora.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**AAAD 333. Race and Public Policy in the United States. 3 Credits.**

Exploration of the relationship between race and public policy in the U.S. Primary focus on African Americans, but other racial groups also studied. Key areas include reproductive justice, health care, employment, labor, welfare, education, housing, environmental justice, policing, criminalization, foreign policy, immigration, and war.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** POLI 333.

**AAAD 334. Performing African American History. 3 Credits.**

Taking an issue of current or historic importance to African American communities, students conduct archival research and collect and/or analyze oral histories and work to create a documentary play that will be publicly performed.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**AAAD 335. Structure of African American English. 3 Credits.**

This course treats the structural properties of African American English. Students will learn to use sentence data to test hypotheses about language structure by investigating the syntax and semantics of African American English.

**Grading status:** Letter grade

**Same as:** LING 335.

**AAAD 340. Diaspora Art and Cultural Politics. 3 Credits.**

Examines the socio-political dimensions of African diaspora art and culture with a focus on African Americans in the 20th century.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**AAAD 341. Law and Society. 3 Credits.**

This course explores the intersection of law and societal developments drawing from the disciplines of history, political science, anthropology, feminist legal studies, and constitutional law. The themes of the course will vary depending on the training, research interests, and geographical concentration of the faculty teaching the course.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**AAAD 350. The Harlem Renaissance. 3 Credits.**

An exploration of outstanding themes of the Harlem Renaissance's poetry, fiction, painting and visual art, and political journalism. The course includes excursions to museums and libraries. Previously offered as AAAD 450.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**AAAD 356. The History of Hip-Hop Culture. 3 Credits.**

Examines the emergence and impact of hip-hop music and culture and its broad influence in mainstream culture, as a global phenomenon and as a vehicle embodying formative ideas of its constituent communities.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**AAAD 385. Emancipation in the New World. 3 Credits.**

Will examine the way that the process of emancipation unfolded in Haiti, Jamaica, and Cuba, with major emphasis on emancipation in the United States.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**AAAD 386. Comparative Studies in Culture, Gender, and Global Forces. 3 Credits.**

Examines participatory development theory and practice in Africa and the United States in the context of other intervention strategies and with special attention to culture and gender.

**Requisites:** Prerequisites, AAAD 101 and 130.

**Grading status:** Letter grade

**Same as:** WGST 386.

**AAAD 387. HIV/AIDS in Africa and the Diaspora. 3 Credits.**

This course explores the history and contemporary politics of HIV/AIDS in African communities and across the Diaspora. The differing trajectories of the epidemic on the continent, in the West, and in the Caribbean and Latin America will be explored.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**AAAD 388. Global Black Feminisms and Women's Apocalyptic Writing. 3 Credits.**

This class examines black women's omission from our accounts of structural oppression and catastrophe. Reading black women's apocalyptic fiction alongside global black feminist writing, we study how both genres challenge our conceptions, responses to, and preventative measures against violence and catastrophe.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**AAAD 395. Undergraduate Research Seminar. 3 Credits.**

Permission of the instructor for nonmajors. Subject matter will vary with each instructor. Each course will concern itself with a study in depth of some problem in African, African American, or diaspora studies.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**AAAD 396. Independent Studies. 3 Credits.**

Permission of the director of undergraduate studies. Independent study projects defined by student and faculty advisor. Majors only.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****AAAD 400. The Challenges of Democratic Governance in Africa. 3 Credits.**

An in-depth examination of trends and theories on democratic governance since the end of the Cold War, together with the implications of these trends and theories for Africa.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**AAAD 402. African Media and Film: History and Practice. 3 Credits.**

This course explores forms of filmic and photographic representation of and by Africans. An introduction to key concepts in social theory and their application to the field of media studies and ethnography is a primary focus.

**Gen Ed:** HS, EE- Field Work.

**Grading status:** Letter grade.

**AAAD 403. Human Rights: Theories and Practices in Africa. 3 Credits.**

This course explores major conceptual debates in the field of human rights. Further, it examines human rights practices and struggles in selected countries in Africa.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**AAAD 404. Music of African Diasporas. 3 Credits.**

An exploration of musical articulations of African diasporic identity focusing on aesthetics, social fields of production, and the historical development of the diaspora concept around music.

**Gen Ed:** BN.

**Grading status:** Letter grade.



**AAAD 405. Contemporary African Art. 3 Credits.**

Examines modern and contemporary African art (1940s to the present) for Africans on the continent and abroad. Examines tradition, cultural heritage, colonialism, postcolonialism, local versus global, nationalism, gender, identity, diaspora.

**Requisites:** Prerequisite, AAAD 101 or ARTH 152 or 155; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ARTH 488.

**AAAD 414. Senegalese Society and Culture. 3 Credits.**

This course provides an overview of Senegalese culture through movies, literary works, and scholarly books and articles. The course examines the geography, population, ethnic composition, thoughts and religious beliefs, arts and music, polygamy, status of women, and the impact of the tariqas or Sufi orders on people's daily lives.

**Grading status:** Letter grade.

**AAAD 419. African Studies Colloquium. 3 Credits.**

This course will equip students to analyze critically cutting-edge issues concerning Africa today through readings, lectures, and research. For junior/senior majors and students with an interest in Africa.

**Grading status:** Letter grade.

**AAAD 421. Introduction to the Languages of Africa. 3 Credits.**

This course is an introduction to the languages of Africa. No linguistics background is required. Topics include classification, characteristic linguistic features of African languages, and their role in their respective societies.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**AAAD 430. African American Intellectual History. 3 Credits.**

An examination of major intellectual trends in African American life from the 19th to the early 21st century.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**AAAD 449. Black Women in Cinema: From the Early 1900s to the Present. 3 Credits.**

This course interrogates the diverse representations that black women personified on screen, investigates intersections between their off-screen lives and on-screen images, and explores what and how they contributed to the cinema industry. This course is a theoretical, critical, and historical examination of the black woman's cinematic experience.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**AAAD 451. Orality, Literacy, and Cultural Production: African Americans and Racial Modernity. 3 Credits.**

Examines the divide between literacy- and orality-based modes of self-expression and cultural production, and the effects of this fault line on the African American struggle for inclusion and self-definition in the United States.

**Grading status:** Letter grade.

**AAAD 460. Race, Culture, and Politics in Brazil. 3 Credits.**

Examines race, culture, and politics in Brazil from historical and contemporary perspectives. Focuses on dynamics of race, gender, class, and nation in shaping Brazilian social relations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**AAAD 461. Race, Gender, and Contemporary Activism in Cuba. 3 Credits.**

The course is designed to give students a simulated experience of ethnographic fieldwork and qualitative research. Students are led through a learning experience where they will examine black activism in Cuba from historical and contemporary perspectives.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**AAAD 480. Vernacular Traditions in African American Music. 4 Credits.**

Explores performance traditions in African American music, tracing development from African song through reels, blues, gospel, and contemporary vernacular expression. Focuses on continuity, creativity, and change within African American aesthetics. Previously offered as FOLK 610/AAAD 432.

**Gen Ed:** HS, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** FOLK 480.

**AAAD 485. Transnational Black Feminist Thought and Practice. 3 Credits.**

This course uses social science approaches to explore the development of black feminist thought and activism in diverse cultural and national contexts. Students will gain knowledge of black feminist thought writing and activism in Europe, Latin America, the Caribbean, and the United States.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**AAAD 486. Africa in the American Imagination. 3 Credits.**

Restricted to sophomores, juniors, and seniors. Examines the ways African art appears in United States popular culture (advertisements, magazines, toys, films, art) to generate meanings about Africa. Addresses intersecting issues of nationalism, multiculturalism, imperialism, nostalgia, race.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** ARTH 453.

**AAAD 486H. Africa in the American Imagination. 3 Credits.**

Restricted to sophomores, juniors, and seniors. Examines the ways African art appears in United States popular culture (advertisements, magazines, toys, films, art) to generate meanings about Africa. Addresses intersecting issues of nationalism, multiculturalism, imperialism, nostalgia, race.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** ARTH 453H.

**AAAD 487. Intellectual Currents in African and African Diaspora Studies. 3 Credits.**

In this seminar students will examine primary documents of engaged scholarship written by Africans and people of African descent in the Americas, Europe, and elsewhere in the African Diaspora.

**Requisites:** Prerequisites, AAAD 101 and 130; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**AAAD 488. Human Rights and Democracy in African Diaspora Communities. 3 Credits.**

This course examines how questions of democracy and human rights have been conceptualized in African Diaspora communities in the Americas and Europe.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**AAAD 491. Class, Race, and Inequality in America. 3 Credits.**

Examines the origins of race in America, the relationship of racial oppression to class struggle at key points in American history, the proliferation of versions of the concept of privilege, and approaches to eliminating class and racial privilege.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**AAAD 691H. Honors Research I. 3 Credits.**

Permission of the department. Beginning of mentored research on an honors thesis. Required of all candidates for graduation with honors in African, African American, and Diaspora studies.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**AAAD 692H. Honors Research II. 3 Credits.**

Permission of the department. Completion of an honors thesis under the direction of a member of the faculty. Required of all candidates for graduation with honors in African, African American, and Diaspora studies.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## CHWA–Chichewa

### Advanced Undergraduate and Graduate-level Courses

**CHWA 401. Elementary Chichewa I. 3 Credits.**

The course introduces the essential elements of the Chichewa language. Emphasis is on speaking and writing grammatically acceptable Chichewa and on aspects of central African culture.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHWA 402. Elementary Chichewa II. 3 Credits.**

Emphasis is on speaking and writing grammatically acceptable Chichewa to a proficiency level that will enable the student to live among the Chichewa-speaking people of central southern Africa.

**Requisites:** Prerequisite, CHWA 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHWA 403. Intermediate Chichewa I. 3 Credits.**

Continued instruction in Chichewa following the materials introduced in CHWA 401 and 402.

**Requisites:** Prerequisite, CHWA 402.

**Gen Ed:** FL.

**Grading status:** Letter grade.

## LGLA–Lingala

### Advanced Undergraduate and Graduate-level Courses

**LGLA 401. Elementary Lingala I. 3 Credits.**

Introduces the essential elements of Lingala structure and vocabulary and aspects of African cultures. Aural comprehension, reading, speaking, and writing are stressed.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**LGLA 402. Elementary Lingala II. 3 Credits.**

Continues the introduction of the essential elements of Lingala structure and vocabulary and aspects of African cultures. Aural comprehension, reading, speaking, and writing are stressed.

**Requisites:** Prerequisite, LGLA 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**LGLA 403. Intermediate Lingala III. 3 Credits.**

This course increases language learning ability, communicative proficiency, and proficiency in the cultures of the Lingala-speaking people.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**LGLA 404. Intermediate Lingala IV. 3 Credits.**

This course reinforces language learning ability, communicative proficiency in the culture of the Lingala-speaking people through gradual exposure to more challenging tasks, with emphasis on poetry and prose reading, and creative writing.

**Gen Ed:** FL.

**Grading status:** Letter grade.

## SWAH–Kiswahili

### Undergraduate-level Courses

**SWAH 112. Intensive Kiswahili 1-2. 6 Credits.**

The 112 course covers the material in the SWAH 401 and 402 sequence in a single semester. Students may not receive credit for both SWAH 401 and SWAH 402 or SWAH 112.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SWAH 234. Intensive Kiswahili 3-4. 6 Credits.**

The course covers the material in the SWAH 403 and 404 sequence in a single semester. Students may not receive credit for both SWAH 403 and SWAH 404 or SWAH 234.

**Requisites:** Prerequisite, SWAH 112 or 402.

**Gen Ed:** FL.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

**SWAH 401. Elementary Kiswahili I. 3 Credits.**

Introduces the essential elements of Kiswahili structure and vocabulary and aspects of African cultures. Aural comprehension, reading, speaking, and writing are stressed. Students may not receive credit for both SWAH 401 and SWAH 402 or SWAH 112.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SWAH 402. Elementary Kiswahili II. 3 Credits.**

Continues the introduction of essential elements of Kiswahili structure and vocabulary and aspects of African cultures. Aural comprehension, reading, speaking, and writing are stressed. Students may not receive credit for both SWAH 401 and SWAH 402 or SWAH 112.

**Requisites:** Prerequisite, SWAH 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SWAH 403. Intermediate Kiswahili III. 3 Credits.**

Third-semester Kiswahili, designed to increase reading and writing skills. Introduction of literature. Aural comprehension and speaking skills stressed. Students may not receive credit for both SWAH 403 and SWAH 404 or SWAH 234.

**Requisites:** Prerequisite, SWAH 402.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SWAH 404. Intermediate Kiswahili IV. 3 Credits.**

Fourth-semester Kiswahili, designed to increase reading and writing skills. Introduction of more compound structures. Emphasis on literature, including drama, prose and poetry, and creative writing. Aural comprehension and speaking skills stressed. Students may not receive credit for both SWAH 403 and SWAH 404 or SWAH 234.

**Requisites:** Prerequisite, SWAH 403.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SWAH 405. Advanced Kiswahili V. 3 Credits.**

This course is offered to students who have completed SWAH 404. It is taught in Swahili and aims at enabling students with grammatical and communicative competence.

**Requisites:** Prerequisite, SWAH 404.

**Grading status:** Letter grade.

**SWAH 406. Advanced Plus Kiswahili VI. 3 Credits.**

This course reinforces and expands the grammatical, cultural, and communicative competence achieved in SWAH 405.

**Requisites:** Prerequisite, SWAH 405; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**SWAH 408. Swahili Across the Curriculum Recitation. 1 Credit.**

Swahili recitation offered in conjunction with selected content courses. Weekly discussion and readings in Swahili relating to attached content courses.

**Requisites:** Prerequisite, SWAH 403; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

## WOLO–Wolof

### Advanced Undergraduate and Graduate-level Courses

**WOLO 401. Elementary Wolof I. 3 Credits.**

This course enables students who have no previous experience in Wolof to develop speaking, listening and understanding, writing, and reading skills in Wolof. Students will also be exposed to Wolof culture.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**WOLO 402. Elementary Wolof II. 3 Credits.**

This course is for students who have already acquired the basics of Wolof to reinforce their ability to learn speaking, listening and understanding, writing, and reading Wolof. Evidence of basic knowledge of Wolof is required.

**Requisites:** Prerequisite, WOLO 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**WOLO 403. Intermediate Wolof III. 3 Credits.**

This course is intended for learners who have already acquired Wolof proficiency in WOLO 401 and 402. It increases communicative proficiency and language learning ability as well as proficiency in cultures of the Wolof people.

**Requisites:** Prerequisite, WOLO 402.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**WOLO 404. Intermediate Wolof IV. 3 Credits.**

This course reinforces students' communicative and cultural skills via gradual exposure to increasingly challenging tasks. Reading poetry and prose, and introduction to creative writing will be stressed.

**Requisites:** Prerequisite, WOLO 403.

**Gen Ed:** FL.

**Grading status:** Letter grade.

## African, African American, and Diaspora Studies Major, B.A.

### Contact Information

**Department of African, African American, and Diaspora Studies**

Visit Program Website (<http://aaad.unc.edu>)

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**Eunice Sahle, Chair**

**Kenneth Janken, Director of Undergraduate Studies (On leave Fall 2018)**

[krjanken@email.unc.edu](mailto:krjanken@email.unc.edu)

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The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world. The major offers a concentration in African studies and a concentration in African American and diaspora studies.

### Department Programs

#### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 128)

#### Minors

- African Studies Minor (p. 130)
- African American and Diaspora Studies Minor (p. 131)

### Student Learning Outcomes

Upon completion of the African, African American, and Diaspora studies program, students should be able to:

- Demonstrate in-depth knowledge of foundational intellectual currents (historical and contemporary) in African, African American, and Diaspora studies.
- Apply research skills by formulating a research project as outlined in the required literature, generating a research question, developing procedures for gathering research data, analyzing the data, and writing results and conclusions.
- Present research results effectively (clear and well-argued content, appropriate for audience, professional delivery).
- Identify and explain sources (national and global) of historical change that have shaped Africa and its diaspora
- Draw on relevant theoretical insights and empirical data to analyze historical or contemporary issues pertaining to diverse societies in

Africa, African American communities, and other African diasporic formations in Europe and Latin America

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Students may complete the requirements for the African studies concentration or the African American and diaspora studies concentration.

## African Studies Concentration

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 101	Introduction to Africa	3
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 395	Undergraduate Research Seminar (offered fall semester only)	3
AAAD 487	Intellectual Currents in African and African Diaspora Studies (offered spring semester only)	3
Six additional courses apportioned in the following way: <sup>1,2</sup>		18
One African American and Diaspora studies, or transnational, course chosen from AAAD 130–AAAD 184, AAAD 230–AAAD 284, AAAD 286, AAAD 298, AAAD 330–AAAD 384, AAAD 385, AAAD 430–AAAD 484, AAAD 485, AAAD 488, AAAD 489		
As many as three courses chosen from AAAD 100–AAAD 129, AAAD 200–AAAD 229, AAAD 300–AAAD 329, AAAD 386, AAAD 387; LGLA 404; SWAH 404, SWAH 405, SWAH 406; WOLO 404		
At least two courses chosen from AAAD 400–AAAD 429, AAAD 485		
One course may come from this list, so long as students still take two courses at or above the 400 level in the African studies concentration:		
ARTH 155	African Art Survey	
ARTH 255	African Art and Culture	
ANTH 238	Human Ecology of Africa	
FREN 505	African Francophone Cinema	
GEOG 268	Geography of Africa	
HIST 130	Modern African History	
HIST 535	Women and Gender in African History	
PORT 385	Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	
WGST/HIST 313	Women and the Law in Africa and the Middle East	
WGST 337	African Gender History	

WGST 583	Gender and Imperialism	Total Hours
		30

<sup>1</sup> First-year seminars do not count toward the major.

<sup>2</sup> Please contact the director of undergraduate studies if you have questions about this requirement.

## Recommended

Three semesters of one African language (either to fulfill the foreign language Foundations requirement or in addition to it) are recommended for the concentration in African studies. The following African language courses currently are offered:

Code	Title	Hours
<b>Arabic:</b>		
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
ARAB 203	Intermediate Arabic I	4
ARAB 204	Intermediate Arabic II	4
ARAB 305	Advanced Arabic I	3
ARAB 306	Advanced Arabic II	3
<b>Chichewa:</b>		
CHWA 401	Elementary Chichewa I	3
CHWA 402	Elementary Chichewa II	3
CHWA 403	Intermediate Chichewa I	3
<b>Lingala:</b>		
LGLA 401	Elementary Lingala I	3
LGLA 402	Elementary Lingala II	3
LGLA 403	Intermediate Lingala III	3
LGLA 404	Intermediate Lingala IV	3
<b>Kiswahili:</b>		
SWAH 112	Intensive Kiswahili 1-2	6
SWAH 234	Intensive Kiswahili 3-4	6
SWAH 401	Elementary Kiswahili I	3
SWAH 402	Elementary Kiswahili II	3
SWAH 403	Intermediate Kiswahili III	3
SWAH 404	Intermediate Kiswahili IV	3
SWAH 405	Advanced Kiswahili V	3
SWAH 406	Advanced Plus Kiswahili VI	3
<b>Wolof:</b>		
WOLO 401	Elementary Wolof I	3
WOLO 402	Elementary Wolof II	3
WOLO 403	Intermediate Wolof III	3
WOLO 404	Intermediate Wolof IV	3

## African American and Diaspora Studies Concentration

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 101	Introduction to Africa	3
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 395	Undergraduate Research Seminar (offered fall semester only)	3

AAAD 487	Intellectual Currents in African and African Diaspora Studies (offered spring semester only)	3
Six additional courses apportioned in the following way: <sup>1,2</sup>		18
One African studies or transnational course chosen from AAAD 100–AAAD 129, AAAD 200–AAAD 229, AAAD 300–AAAD 329, AAAD 386, AAAD 387, AAAD 400–AAAD 429, AAAD 485		
As many as three courses chosen from AAAD 130–AAAD 184, AAAD 230–AAAD 284, AAAD 286, AAAD 298, AAAD 330–AAAD 384, AAAD 385		
At least two courses chosen from AAAD 430–AAAD 484, AAAD 485, AAAD 488, AAAD 489		
One course may come from this list, so long as students still take two courses at or above the 400 level in the African American and Diaspora studies concentration:		
ANTH/FOLK 130	Anthropology of the Caribbean	
COMM 437	United States Black Culture and Performance	
COMM 662	Black/African Diaspora Performance	
DRAM 287	African American Theatre	
ENGL 367	African American Literature to 1930 <sup>H</sup>	
ENGL 368	African American Literature, 1930–1970 <sup>H</sup>	
ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>	
ENGL 472	African American Literature–Contemporary Issues <sup>H</sup>	
PHIL 274	African American Political Philosophy <sup>H</sup>	
POLI 274	African American Political Thought	
POLI 419	Race and Politics in the Contemporary United States <sup>H</sup>	
PSYC 467	The Development of Black Children	
RELI 580	African American Islam	
SOCI/WGST 444	Race, Class, and Gender	
WGST 285	African American Women in the Media	
WGST 553	Theorizing Black Feminisms	
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> First-year seminars do not count toward the major.

<sup>2</sup> Please contact the director of undergraduate studies if you have questions about this requirement.

## Special Opportunities in African, African American, and Diaspora Studies

### Honors in African, African American, and Diaspora Studies

Students with an overall grade point average of 3.3 or higher at the beginning of their senior year *and who have already completed* AAAD 395 are encouraged to apply for candidacy for the B.A. with honors. Students interested in undertaking honors research and the writing of a thesis should consult with the department's honors coordinator no later than in their junior year to discuss the process of applying to the program. Approved candidates will enroll in AAAD 691H in the fall semester of their senior year. Upon completion of AAAD 691H and with the

approval of the student's thesis director and the department's honors coordinator, students enroll in AAAD 692H in the spring semester. AAAD 691H can count as one of the five courses students must take in their concentration of study.

## Departmental Involvement

The department works closely with the African Studies Center, the Center for the Study of the American South, the Institute of African American Research, and the Sonja Haynes Stone Center for Black Culture and History. These units provide UNC–Chapel Hill and wider communities with important programming on and an opportunity for the advanced study of issues concerning Africa, African America, and other parts of the African Diaspora.

## Study Abroad

There are several opportunities for study abroad. The department offers a summer abroad program in Malawi. Honors Carolina offers a Burch seminar in Cape Town, South Africa, during the fall semester.

## Undergraduate Research

The department encourages undergraduate research. The required seminar for majors (AAAD 395) introduces students to research skills and methods in African, African American, and Diaspora studies. The honors program (AAAD 691H and AAAD 692H) offers qualified students the opportunity to engage in a yearlong process of research and writing. The department hosts an undergraduate research symposium in the spring semester, and it also publishes a scholarly journal, the *Global Africana Review*, for which undergraduates may submit articles.

# African Studies Minor

## Contact Information

### Department of African, African American, and Diaspora Studies

Visit Program Website (<http://aaad.unc.edu>)

104 Battle Hall, CB# 3395

(919) 966-5496

### Eunice Sahle, Chair

### Kenneth Janken, Director of Undergraduate Studies (On leave Fall 2018)

[krjanken@email.unc.edu](mailto:krjanken@email.unc.edu)

### Claude Clegg, Acting Director of Undergraduate Studies (for Fall 2018)

[cclegg@email.unc.edu](mailto:cclegg@email.unc.edu)

The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world.

## Department Programs

### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 128)

### Minors

- African Studies Minor (p. 130)
- African American and Diaspora Studies Minor (p. 131)



## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in African studies consists of 15 hours.

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 101	Introduction to Africa	3
Four additional courses chosen from the following list:		12
AAAD courses at or above the 100 level whose last two digits are from 00 to 29		
African studies courses whose last two digits are from 85 to 99		
LGLA 404	Intermediate Lingala IV	
SWAH 404	Intermediate Kiswahili IV	
SWAH 405	Advanced Kiswahili V	
SWAH 406	Advanced Plus Kiswahili VI	
WOLO 404	Intermediate Wolof IV	
Total Hours		15

African, African American, and Diaspora Studies (AAAD) course descriptions (p. 121).

See program page here (p. 128) for special opportunities.

## African American and Diaspora Studies Minor

### Contact Information

**Department of African, African American, and Diaspora Studies**

Visit Program Website (<http://aaad.unc.edu>)

104 Battle Hall, CB# 3395

(919) 966-5496

**Eunice Sahle, Chair**

**Kenneth Janken, Director of Undergraduate Studies (On leave Fall 2018)**

[krjanken@email.unc.edu](mailto:krjanken@email.unc.edu)

**Claude Clegg, Acting Director of Undergraduate Studies (for Fall 2018)**

[cclegg@email.unc.edu](mailto:cclegg@email.unc.edu)

The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world.

## Department Programs

**Major**

- African, African American, and Diaspora Studies Major, B.A. (p. 128)

**Minors**

- African Studies Minor (p. 130)
- African American and Diaspora Studies Minor (p. 131)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 130	Introduction to African American and Diaspora Studies	3
Four additional AAAD courses at or above the 100 level whose last two digits are from 30 to 84, and African American and Diaspora studies courses whose last two digits are from 85 to 99		12
Total Hours		15

African, African American and Diaspora Studies (AAAD) course descriptions (p. 121).

See program page here (p. 130) for special opportunities.

# DEPARTMENT OF AMERICAN STUDIES

## Contact Information

### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)

204 Greenlaw Hall, CB# 3520

(919) 962-5481

**Elizabeth Engelhardt, Chair**

**Gabrielle Berlinger, Director of Undergraduate Studies**

[amstdus@unc.edu](mailto:amstdus@unc.edu)

## Introduction

The Department of American Studies is one of the longest-standing interdisciplinary programs at UNC–Chapel Hill, with roots in the study of folklore and the American South going back to the 1920s. A formal program in American studies was established in 1968, and exciting additions in American Indian and indigenous studies, Southern studies, and global American studies have been added in the past two decades. The Department of American Studies has a tradition of vigorous teaching and an innovative curriculum that offers stimulating opportunities to study the United States and the diversity and influence of its peoples, institutions, texts, performances, and places. In addition, each of our areas of major concentration incorporates global and comparative perspectives. The department's commitment to interdisciplinary approaches empowers students to value the nation's complexity by engaging with a variety of historical, literary, artistic, political, social, cultural, legal, racial, ethnic, and ethnographic perspectives within and beyond the United States. American studies majors graduate with a comprehension of the dynamics of American culture that prepares them to make a responsible and critical difference in the variety of professions they choose to pursue.

The American studies major offers five areas of concentration, each with its own distinct degree requirements.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors and minors by appointment. Further information on courses, opportunities, and honors theses may be obtained from the department's Web site.

## Graduate School and Career Opportunities

American studies provides a solid basis for a variety of career choices, including public service, business, teaching, museum curation, and journalism. It is an excellent liberal arts major that prepares students for graduate and professional school study in fields such as American history and literature. After receiving the baccalaureate degree, American studies majors consistently have been accepted in law and business schools, which are interested in students with a broad, interdisciplinary undergraduate background. The folklore concentration and minor are a productive component of study for those preparing for graduate school in anthropology, communication, journalism, music, and folklore itself,

as well as for those planning careers in museum curation, public arts presentation, and music production.

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.–Folklore Concentration (p. 151)
- American Studies Major, B.A.–Global American Studies Concentration (p. 154)
- American Studies Major, B.A.–Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Professors

Robert Allen, Elizabeth Engelhardt, Bernard Herman<sup>1</sup>, Sharon Holland, Rachel Willis.

## Associate Professors

Daniel Cobb, Glenn D. Hinson (Anthropology)<sup>1</sup>, Tim Marr, Michelle Robinson, Patricia Sawin<sup>1</sup>.

## Assistant Professors

Gabrielle Berlinger<sup>1</sup>, Ben Frey, Seth Kotch, Keith Richotte Jr., Jenny Tone-Pah-Hote.

## Adjunct/Affiliated Faculty

Daniel Anderson (English and Comparative Literature), Fitzhugh Brundage (History), Maggie Cao (Art History), Claude Clegg (African, African American and Diaspora Studies; History), Maria DeGuzman (English and Comparative Literature), Kathleen DuVal (History), Rebecka Rutledge Fisher (English and Comparative Literature), Bryan Giemza (Southern Historical Collection), Lawrence Grossberg (Communication), Philip Gura (English and Comparative Literature), Amy Hertel, Jennifer Ho (English and Comparative Literature), Jordynn Jack (English and Comparative Literature), Scott Kirsch (Geography), Valerie Lambert (Anthropology), Malinda Maynor Lowey (History), Jocelyn Neal (Music)<sup>1</sup>, Michael Palm (Communication), Eliza Richards (English and Comparative Literature), Katherine Roberts, Rachel Seidman, Robyn Schroeder, William Sturkey (History), Jane Thrailkill (English and Comparative Literature), Timothy

Tyson, Ariana Vigil (Women's and Gender Studies), Harry Watson (History), Eric King Watts (Communication).

<sup>1</sup> Core members of the Folklore program

## Professors Emeriti

Robert Cantwell, Marcie Cohen Ferris, William Ferris, Peter Filene, Jacquelyn Hall, Trudier Harris, John Kasson, Joy Kasson, Townsend Luddington, Daniel W. Patterson, Theda Perdue, Charles Gordon Zug.

## AMST—American Studies

### Undergraduate-level Courses

#### AMST 51. First-Year Seminar: Navigating America. 3 Credits.

Analyze American journeys and destinations, focusing on how resources, technology, transportation, and cultural influences have transformed the navigation and documentation of America. Multimedia documentation of personal journey required.

**Gen Ed:** SS, CI, EE- Field Work.

**Grading status:** Letter grade.

#### AMST 53. First-Year Seminar: The Family and Social Change in America. 3 Credits.

This course uses changes in the American family over the past century as a way of understanding larger processes of social change.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade.

#### AMST 53H. First-Year Seminar: The Family and Social Change in America. 3 Credits.

This course uses changes in the American family over the past century as a way of understanding larger processes of social change.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade.

#### AMST 54. First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800. 3 Credits.

This course uses archaeological and historical scholarship to consider the histories of the Southern Indians from the Mississippian period to the end of the 18th century.

**Gen Ed:** HS, US, WB.

**Grading status:** Letter grade

**Same as:** ANTH 54.

#### AMST 55. First-Year Seminar: Birth and Death in the United States. 3 Credits.

This course explores birth and death as essential human rites of passage that are invested with significance by changing and diverse American historical, cultural, ethnic, and ethical contexts.

**Gen Ed:** PH, CI, US.

**Grading status:** Letter grade.

#### AMST 55H. First-Year Seminar: Birth and Death in the United States. 3 Credits.

This course explores birth and death as essential human rites of passage that are invested with significance by changing and diverse American historical, cultural, ethnic, and ethical contexts.

**Gen Ed:** PH, CI, US.

**Grading status:** Letter grade.

#### AMST 59. First-Year Seminar: American Indian Art in the 20th Century. 3 Credits.

This course examines 20th-century American Indian art within the context of critical topics in the field such as sovereignty, colonialism, modernity, modernism, gender, and representation.

**Gen Ed:** VP, CI, US.

**Grading status:** Letter grade.

#### AMST 60. First-Year Seminar: American Indians in History, Law, and Literature. 3 Credits.

This research seminar provides a grounding in American Indian law, history, and literature. Students will conduct research for presentation on Wikipedia.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

#### AMST 61. First-Year Seminar: Navigating the World through American Eyes. 3 Credits.

Designed to help prepare students for future study abroad opportunities and travel, service, and work in a global environment, the seminar focuses on critical differences, including transportation and other forms of infrastructure, that impact navigating places, people, and information. Individual competitive global travel proposals will be developed and presented.

**Gen Ed:** GL.

**Grading status:** Letter grade.

#### AMST 62. First-Year Seminar: Mobility, Roads, NASCAR, and Southern Culture. 3 Credits.

This seminar looks at the culture, history, memories, and meanings of mobility for a diverse range of people in southern cultures. In particular, students will read and discuss books and articles by scholars on roads, cars, access, and diverse southern cultures.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

#### AMST 89. First Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### AMST 89H. First Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### AMST 101. The Emergence of Modern America. 3 Credits.

Interdisciplinary examination of two centuries of American culture, focusing on moments of change and transformation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

#### AMST 102. Myth and History in American Memory. 3 Credits.

Examines the role of memory in constructing historical meaning and in imagining the boundaries of American cultural communities. Explores popular rituals, artifacts, monuments, and public performances. Previously offered as AMST 384.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**AMST 110. Introduction to the Cultures and Histories of Native North America. 3 Credits.**

An interdisciplinary introduction to Native American history and studies. The course uses history, literature, art, and cultural studies to study the Native American experience.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 110.

**AMST 175. Introduction to Food Studies: From Science to Society. 3 Credits.**

Introduction to food studies covering a variety of topics including how food was consumed over history, land use and aquaculture, food in the arts, food and culture in the American South, food politics, and nutrition science.

**Gen Ed:** GL, NA.

**Grading status:** Letter grade

**Same as:** NUTR 175, ANTH 175.

**AMST 201. Literary Approaches to American Studies. 3 Credits.**

A study of interdisciplinary methods and the concept of American Studies with an emphasis on the historical context for literary texts.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**AMST 202. Historical Approaches to American Studies. 3 Credits.**

A study of interdisciplinary methods and the concept of American studies with an emphasis on historical and cultural analysis.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**AMST 203. Approaches to American Indian Studies. 3 Credits.**

Introduces students to the disciplines comprising American Indian studies and teaches them how to integrate disciplines for a more complete understanding of the experiences of American Indian peoples.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** ANTH 203.

**AMST 210. Approaches to Southern Studies: A Historical Analysis of the American South. 3 Credits.**

An examination of both the mythical and real American South and its diverse peoples through the study of the region's archaeological, geographical, and environmental history integrated with the study of the region's sociology and its economic, political, intellectual, and religious history.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**AMST 211. Approaches to Southern Studies: The Literary and Cultural Worlds of the American South. 3 Credits.**

An examination of Southern cultural identity, literary imagination, and sense of place with an emphasis on the fiction, folklore, foodways, art, architecture, music, and material culture of the American South.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**AMST 220. On the Question of the Animal: Contemporary Animal Studies. 3 Credits.**

This course is an introduction to "animal studies," through animal rights, animal welfare, food studies, and the human/animal distinction in philosophical inquiry. We will read work from dog and horse trainers, and explore the history of the American racetrack. This course builds a moral and ethical reasoning skill set.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**AMST 225. Comedy and Ethics. 3 Credits.**

This course explores the historical, sociocultural, and legal significance of 20th- and 21st-century comedy in the United States. We will consider comedy as public voice; examine how humor constructs and disrupts American identities; and discuss the ethics of the creative process, performance, and reception.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**AMST 225L. The Practice of Stand Up Comedy. 1 Credit.**

Students will learn and practice the art of stand up comedy via structured assignments, group workshops, live performances and conversations that build on topics introduced in AMST 225. Class size is limited to 15 students. Instructor permission required.

**Requisites:** Pre- or corequisite, AMST 225.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade.

**AMST 231. Native American History: The East. 3 Credits.**

Covers the histories of American Indians east of the Mississippi River and before 1840. The approach is ethnohistorical.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 231.

**AMST 233. Native American History: The West. 3 Credits.**

Deals with the histories of Native Americans living west of the Mississippi River. It begins in the pre-Columbian past and extends to the end of the 19th century.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 233.

**AMST 234. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 234, ANTH 234.

**AMST 234H. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 234H, ANTH 234H.

**AMST 235. Native America in the 20th Century. 3 Credits.**

This course deals with the political, economic, social, and cultural issues important to 20th-century Native Americans as they attempt to preserve tribalism in the modern world.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 235.

**AMST 246. Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America. 3 Credits.**

Offers a historically, politically, and culturally contextualized examination of Native America through oral, written, and visual storytelling. Covering a wide range of genres, including oral narratives, novels, and visual arts, this introductory course showcases the fluidity of Indigenous artistic forms and their continuing centrality in Native America.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**AMST 248. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** ENGL 248, POLI 248, WGST 249.

**AMST 252. Muslim American Literatures and Cultures. 3 Credits.**

This course examines the diversity of Muslims in America and the variety of creative expression created throughout this long history of transcultural involvement.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**AMST 253. A Social History of Jewish Women in America. 3 Credits.**

Course examines the history and culture of Jewish women in America from their arrival in New Amsterdam in 1654 to the present and explores how gender shaped this journey.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** JWST 253, WGST 253.

**AMST 255. Mid-20th-Century American Thought and Culture. 3 Credits.**

This course examines topics in the intellectual and cultural history of the United States in the mid-20th century, including issues of race thinking, mass culture, and gender ideologies.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**AMST 256. Anti-'50s: Voices of a Counter Decade. 3 Credits.**

We remember the 1950s as a period of relative tranquility, happiness, optimism, and contentment. This course will consider a handful of countertexts: voices from literature, politics, and mass culture of the 1950s that for one or another reason found life in the postwar world repressive, empty, frightening, or insane and predicted the social and cultural revolutions that marked the decade that followed.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**AMST 257. Melville: Culture and Criticism. 3 Credits.**

Investigates the significance of Herman Melville as a representative 19th-century American author. Includes issues of biography, historical context, changing reception, cultural iconography, and the politics of the literary marketplace.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**AMST 258. Captivity and American Cultural Definition. 3 Credits.**

Examines how representations of captivity and bondage in American expression worked to construct and transform communal categories of religion, race, class, gender, and nation.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**AMST 259. Tobacco and America. 3 Credits.**

Explores the significance of tobacco from Native American ceremony to the Southern economy by focusing on changing attitudes toward land use, leisure, social style, public health, litigation, and global capitalism.

**Gen Ed:** HS, CI, US.

**Grading status:** Letter grade.

**AMST 268. American Cinema and American Culture. 3 Credits.**

Examines the relationship between cinema and culture in America with a focus on the ways cinema has been experienced in American communities since 1896.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**AMST 269. Mating and Marriage in American Culture. 3 Credits.**

Interdisciplinary examination of the married condition from colonial times to the present. Themes include courtship and romance, marital power and the egalitarian ideal, challenges to monogamy.

**Gen Ed:** HS, CI, US.

**Grading status:** Letter grade.

**AMST 276. Food and American Studies: Cooking Up a Storm. 3 Credits.**

This course will take students on a journey through some of the key moments in "American" food studies and its beginnings across a range of disciplinary homes: the study of nutrition and food security; the study of food systems and the vocabularies that subtend them.

**Gen Ed:** CI, US.

**Grading status:** Letter grade.

**AMST 277. Globalization and National Identity. 3 Credits.**

Considers the meanings and implications of globalization especially in relation to identity, nationhood, and America's place in the world.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**AMST 277H. Globalization and National Identity. 3 Credits.**

Considers the meanings and implications of globalization especially in relation to identity, nationhood, and America's place in the world.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**AMST 278. Crimes and Punishments. 3 Credits.**

This course explores the social history and culture of crime, deviant behavior, and punishment in America between the pre-revolutionary period and today. It traces the history of longstanding institutions; examines elements of American history from a criminal justice perspective; and seeks historical origins and continuities for contemporary problems.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade.

**AMST 283. American Home. 3 Credits.**

Examines themes in the history and design of the most intimate and most public of objects - the house. Residences, from tract house mansions to apartment buildings, are powerful statements about how we see our society and how circumstances and choice lead us to house ourselves. Previously numbered AMST 466.

**Gen Ed:** HS, CI, EE- Field Work.

**Grading status:** Letter grade.

**AMST 284. Visual Culture. 3 Credits.**

This course investigates how we make and signify meaning through images, ranging from art to advertising to graffiti, and provides the critical tools to understand the visual worlds we inhabit.

**Gen Ed:** VP.

**Grading status:** Letter grade.



**AMST 285. Access to Work in America. 3 Credits.**

Focus on systemic and individual factors affecting access to work including gender, race, age, disability, transportation, international competition, technological progress, change in labor markets, educational institutions, and public policy.

**Gen Ed:** SS, CI, EE- Field Work.

**Grading status:** Letter grade

**Same as:** ECON 285.

**AMST 287. Introduction to American Legal Education. 3 Credits.**

Introduces students to how legal education is conducted in the United States by mimicking the "1L" experience, or first year in law school. It is broken into units that represent classes every law school teaches in the first year: contracts, property, torts, criminal law, civil procedure, and constitutional law.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**AMST 290. Topics in American Studies. 3 Credits.**

Special topics in American studies.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AMST 291. Ethics and American Studies. 3 Credits.**

An interdisciplinary seminar in American studies addressing ethical issues in the United States.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**AMST 292. Historical Seminar in American Studies. 3 Credits.**

Topics in American history in American studies.

**Gen Ed:** HS, NA.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AMST 292H. Historical Seminar in American Studies. 3 Credits.**

Topics in American history from the perspective of American studies.

**Gen Ed:** HS, NA.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AMST 294. American Studies Seminar on Aesthetic Perspective. 3 Credits.**

Topics in arts and literature from the perspective of American studies.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AMST 317. Adoption in America. 3 Credits.**

An interdisciplinary approach to the history of adoption and related practices in the United States, employing the provisions society has made for the welfare of children deemed to be orphans as a powerful lens into changing values and attitudes toward childhood, race, class, gender, reproduction, parenthood, and family.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AMST 325. Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art. 3 Credits.**

This course focuses on the contemporary art and social change movement. We will learn how to use site-specific and performative art interventions to make invisible borders, boundaries, and other issues visible and innovatively to create engaged and sustained dialogue.

**Gen Ed:** VP, US.

**Grading status:** Letter grade

**Same as:** WGST 325.

**AMST 334H. Defining America I. 3 Credits.**

An interdisciplinary seminar that considers the changing understandings of what it meant to be American up through the United States Civil War.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**AMST 334. Defining America I. 3 Credits.**

An interdisciplinary seminar that considers the changing understandings of what it meant to be American up through the United States Civil War.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**AMST 335. Defining America II. 3 Credits.**

An interdisciplinary seminar that investigates the changing meanings of being American since the United States Civil War.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**AMST 335H. Defining America II. 3 Credits.**

An interdisciplinary seminar that investigates the changing meanings of being American since the United States Civil War.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**AMST 336. Native Americans in Film. 3 Credits.**

This course is about Hollywood's portrayal of Indians in film, how Indian films have depicted Native American history, and why the filmic representation of Indians has changed over time.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade.

**AMST 337. Beyond Red Power: American Indian Activism since 1900. 3 Credits.**

This course seeks to understand how American Indian individuals and communities survived a century that began with predictions of their disappearance. To answer that question, we take a broad view of politics and activism, exploring everything from the radical protest to art and everyday forms of resistance.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AMST 338. Native American Novel. 3 Credits.**

This course examines this art form's development by indigenous writers as a mode of storytelling that explores the continuing effects of settler colonialism upon indigenous peoples and foregrounds indigenous notions of land, culture, and community.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**AMST 339. The Long 1960s in Native America. 3 Credits.**

An interdisciplinary exploration of Native America during the "long 1960s" (1954-1973), this course focuses on how American Indian experiences intersected with and diverged from those of non-native groups via topics such as the youth movement, women's rights, nationalism, civil rights, radical protest, and creative expression.

**Gen Ed:** HS, CI, US.

**Grading status:** Letter grade.

**AMST 340. American Indian Art and Material Culture through Interdisciplinary Perspectives. 3 Credits.**

Analyzes material culture created by Native artists throughout the United States and portions of Canada. Examines the role of art and artists and how material culture is studied and displayed. Students study objects, texts, and images, exploring mediums such as painting, sculpture, basket making, beadwork, and photography.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**AMST 341. Digital Native America. 3 Credits.**

This is a project-based course that explores settler colonial appropriations of American Indian knowledge. Students then use new technologies as a means of engaging in the digital re-representation and return of this knowledge. Instructor and topics vary.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**AMST 350. Main Street Carolina: A Cultural History of North Carolina Downtowns. 3 Credits.**

An introduction to the interdisciplinary scholarly approaches to the physical, social, economic, and cultural developments of downtowns. Students will conduct and share original research.

**Gen Ed:** HS, EE- Mentored Research, NA.

**Grading status:** Letter grade.

**AMST 350H. Main Street Carolina: A Cultural History of North Carolina Downtowns. 3 Credits.**

An introduction to the interdisciplinary scholarly approaches to the physical, social, economic, and cultural developments of downtowns. Students will conduct and share original research.

**Gen Ed:** HS, EE- Mentored Research, NA.

**Grading status:** Letter grade.

**AMST 351. Global Waters, American Impacts, and Critical Connections. 3 Credits.**

Water is a vital element for life, food, energy, and transportation. Nations are connected and separated by water through borders and trade. This seminar will examine key impacts on American port cities with respect to water: global infrastructure, foodsheds, health, and diseases.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

**AMST 352. The Asian American Experience. 3 Credits.**

The course addresses the history and sociology of Asian immigration and experience in the United States, as well as the formation of diasporic identities among Asian Americans.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** ASIA 350.

**AMST 360. The Jewish Writer in American Life. 3 Credits.**

This course will investigate, through literature, film, and song, the encounter of Eastern European Jews and their descendants with Anglo-Protestant America over four generations.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**AMST 365. Women and Detective Fiction: From Miss Violet Strange to Veronica Mars. 3 Credits.**

Traces the origins of detective fiction and major developments in the history of the genre with a focus on women authors and protagonists. Examines literary texts including fiction and film, with close attention to historical and social contexts and to theoretical arguments relating to popular fiction, genre studies, and gender.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**AMST 371. LGBTQ Film and Fiction from 1950 to the Present. 3 Credits.**

An interdisciplinary seminar that explores stylistic choices and representational modes available to LGBTQ artists in the United States since 1950. We will relate shifts in cinematic and literary representations and aesthetic strategies to developments in political, social, and economic life.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**AMST 374. America's Threatened Languages. 3 Credits.**

This course introduces the phenomena of language shift, endangerment, and revitalization in America. In both indigenous and immigrant communities, the mid-1800s initiated a widespread shift toward English. Through readings and discussions, we examine the social and historical motivations for this trend, and explore critical thinking skills for analyzing language shift.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade.

**AMST 375. Food and American Studies: Cooking Up a Storm. 3 Credits.**

Explores the historical arc and study of food in America and how culinary cultures reflect regional, national, and global narratives, challenges, and identities. As an intriguing lens on to the American experience, food reveals how race, class, gender, and place are entwined in cuisine, food economies, and interactions.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** FOLK 375.

**AMST 378. Nation Building and National Identity in Australia and the United States. 3 Credits.**

This course compares the cultural and social histories of two settler societies: the United States and Australia. Focus on selected topics, including landscape, indigenous peoples, national identity, exploration.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**AMST 378H. Nation Building and National Identity in Australia and the United States. 3 Credits.**

This course compares the cultural and social histories of two settler societies, the United States and Australia. Focus on selected topics, including landscape, indigenous peoples, national identity, exploration.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**AMST 387. Race and Empire in 20th-Century American Intellectual History. 3 Credits.**

This upper-level seminar explores influential 20th-century writings on race and empire and colonialism by intellectuals from America and around the world.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade.

**AMST 390. Seminar in American Studies. 3 Credits.**

Seminar in American studies topics with a focus on historical inquiry from interdisciplinary angles.

**Gen Ed:** HS, NA.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AMST 392. Radical Communities in Twentieth Century American Religious History. 3 Credits.**

How the language, ideas, and cultural products of religious outsiders responded to and influenced mainstream ideas about what American religious communities could and should look like in terms of gender, race, economics, and faith-based practices.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**AMST 394. The University in American Life: The University of North Carolina. 3 Credits.**

This team-taught course is for juniors and seniors and is multifaceted in its inquiry into the role of the university in American life. UNC-Chapel Hill is used as the case study.

**Gen Ed:** CI, EE- Field Work, US.

**Grading status:** Letter grade.

**AMST 394L. Role of the University. 1 Credit.**

Field laboratory explores UNC-Chapel Hill campus sites and Triangle-area universities. One four-hour laboratory a week.

**Requisites:** Pre- or corequisite, AMST 394.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**AMST 396. Independent Study in American Studies. 3 Credits.**

Permission of the department. Directed reading under the supervision of a faculty member.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**AMST 398. Service Learning in America. 3 Credits.**

Explores history and theory of volunteerism and service learning in America. Includes a weekly academic seminar and placement in a service learning project.

**Gen Ed:** CI, EE- Service Learning.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****AMST 410. Senior Seminar in Southern Studies. 3 Credits.**

We will engage such topics as race, immigration, cultural tourism, and memory to consider conceptions of the South. Students will research a subject they find compelling and write a 20- to 25-page paper.

**Gen Ed:** HS, EE- Mentored Research, NA.

**Grading status:** Letter grade.

**AMST 420. Theories in American Studies. 3 Credits.**

This course will move through prevalent theories in American studies to familiarize students with theoretical concepts and to ascertain both the advantages and pitfalls of theoretical landscapes. Students will become familiar with critical race (postcoloniality and settler-colonialism, for example), feminist, "queer" theories, historical materialism, political economy, postcolonialism, and bio-power.

**Grading status:** Letter grade.

**AMST 439. Meaning and Makers: Indigenous Artists and the Marketplace. 3 Credits.**

This course examines how indigenous artists have negotiated, shaped, and pursued markets and venues of display ranging from "fine" art markets, galleries, and museums to popular markets associated with tourism.

**Gen Ed:** VP, CI, GL.

**Grading status:** Letter grade.

**AMST 440. American Indian Poetry. 3 Credits.**

This course explores the relation of American Indian poetry and music in English to the history and culture of indigenous communities and their relation to the United States.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**AMST 460. Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment. 3 Credits.**

This service-learning seminar examines water threats to port cities and low-lying areas from sea-level rise, extreme weather, and inadequate infrastructure. The focus is on the Americas, small and barrier islands, and high hazard regions including the South East and Gulf Coast communities. The APPLES project will focus on North Carolina resilience strategies.

**Gen Ed:** SS, CI, EE- Service Learning.

**Grading status:** Letter grade.

**AMST 475. Documenting Communities. 3 Credits.**

Covers the definition and documentation of communities within North Carolina through research, study, and field work of communities. Each student produces a documentary on a specific community. Previously offered as AMST 275.

**Gen Ed:** SS, CI, EE- Field Work.

**Grading status:** Letter grade.

**AMST 475H. Documenting Communities. 3 Credits.**

Covers the definition and documentation of communities within North Carolina through research, study, and field work of communities. Each student produces a documentary on a specific community.

**Gen Ed:** SS, CI, EE- Field Work.

**Grading status:** Letter grade.

**AMST 482. Images of the American Landscape. 3 Credits.**

This course will consider how real estate speculation, transportation, suburbanization, and consumerism have shaped a landscape whose many representations in art and narrative record our ongoing struggle over cultural meaning.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**AMST 483. Seeing the USA: Visual Arts and American Culture. 3 Credits.**

Examines the ways in which visual works - paintings, photographs, sculpture, architecture, film, advertising, and other images - communicate the values of American culture and raise questions about American experiences.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**AMST 485. Folk, Self-Taught, Vernacular, and Outsider Arts. 3 Credits.**

Drawing on American and international examples, this course addresses a body of art that occupies the borderlands of contemporary art, examining questions of authenticity, dysfunction, aesthetics, and identity.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**AMST 486. Shalom Y'all: The Jewish Experience in the American South. 3 Credits.**

This course explores ethnicity in the South and focuses on the history and culture of Jewish Southerners from their arrival in the Carolinas in the 17th century to the present day.

**Gen Ed:** HS, CI, US.

**Grading status:** Letter grade

**Same as:** JWST 486.

**AMST 487. Early American Architecture and Material Life. 3 Credits.**

This course explores, through lecture and discussion, the experiences of everyday life from 1600 through the early 19th century, drawing on the evidence of architecture, landscape, images, and objects.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**AMST 488. No Place like Home: Material Culture of the American South. 3 Credits.**

Seminar will explore the unique worlds of Southern material culture and how "artifacts" from barns to biscuits provide insight about the changing social and cultural history of the American South.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** FOLK 488.

**AMST 489. Writing Material Culture. 3 Credits.**

A reading seminar that examines multiple critical perspectives that shape the reception and interpretation of objects, with a particular emphasis on things in American life.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**AMST 493. Internship. 1-3 Credits.**

Permission of the department and the instructor. Internship. Variable credit.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**AMST 498. Advanced Seminar in American Studies. 3 Credits.**

Graduate or junior/senior standing. Examines American civilization by studying social and cultural history, criticism, art, architecture, music, film, popular pastimes, and amusements, among other possible topics.

**Gen Ed:** VP, NA.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**AMST 510. Federal Indian Law and Policy. 3 Credits.**

This course gives an introduction to the American government's law and policy concerning tribal nations and tribal peoples. We examine a number of legal and political interactions to determine how the United States has answered the "Indian problem" throughout its history and the status of tribal peoples and nations today.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AMST 511. American Indians and American Law. 3 Credits.**

This course explores the history of Native interaction with the American legal system in order to understand how the law affects Native peoples and others today. Students are encouraged (but not required) to take AMST 510 before enrolling in this course.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**AMST 512. Race and American Law. 3 Credits.**

This class will explore the intersection between race and American law, both in a historical and contemporary context. It will ask how both of these major social forces have informed and defined each other and what that means for how we think about race and law today.

**Gen Ed:** US.

**Grading status:** Letter grade.

**AMST 671. Introduction to Public History. 3 Credits.**

Introduces the theory, politics, and practice of historical work conducted in public venues (museums, historic sites, national parks, government agencies, archives), directed at public audiences, or addressed to public issues.

**Gen Ed:** HS, EE- Mentored Research, NA.

**Grading status:** Letter grade

**Same as:** HIST 671.

**AMST 685. Literature of the Americas. 3 Credits.**

Two years of college-level Spanish or the equivalent strongly recommended. Multidisciplinary examination of texts and other media of the Americas, in English and Spanish, from a variety of genres.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 685, CMPL 685.

**AMST 691H. Honors in American Studies. 3 Credits.**

Directed independent research leading to the preparation of an honors thesis and an oral examination on the thesis. Required of candidates for graduation with honors in American studies who enroll in the class once permission to pursue honors is granted.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**AMST 692H. Honors in American Studies. 3 Credits.**

Directed independent research leading to the preparation of an honors thesis and an oral examination on the thesis. Required of candidates for graduation with honors in American studies who enroll in the class once permission to pursue honors is granted.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## CHER—Cherokee

### Undergraduate-level Courses

**CHER 101. Elementary Cherokee Language I. 3 Credits.**

Provides an introduction to speaking, listening, reading, and writing in the Cherokee language. This course is part of an ongoing effort to revitalize Cherokee—an endangered language indigenous to North Carolina.

Students will acquire basic conversational Cherokee and learn to read and write the Sequoyah syllabary.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHER 102. Elementary Cherokee Language II. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. This course expands on skills from CHER 101. We will begin reading longer texts in the Cherokee syllabary and learn to produce more complex narrative structures. Students will move toward discussing others around them, with an eye toward discussing the general world.

**Requisites:** Prerequisite, CHER 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHER 203. Intermediate Cherokee Language I. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. This course reviews and deepens grammatical knowledge from CHER 101 and 102. We will increase extemporaneous speaking and produce new written texts in the Cherokee syllabary. Students will discuss the world around them in addition to the self and others.

**Requisites:** Prerequisite, CHER 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHER 204. Intermediate Cherokee Language II. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. This course completes the study of basic Cherokee grammar. We will polish conversational fluency and proficiency, read and create new texts in the Cherokee syllabary. Students will discuss current events and offer opinions.

**Requisites:** Prerequisite, CHER 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHER 305. Phonetics and General Linguistics. 3 Credits.**

Introduction to linguistics; the Cherokee sound system from a phonetic and allophonic view; grammatical categories, morphology, syntax.

**Requisites:** Prerequisite, CHER 204.

**Grading status:** Letter grade.

## FOLK–Folklore

### Undergraduate-level Courses

**FOLK 77. First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme. 3 Credits.**

What are the roots of hip-hop's masterful rhymes and tongue-tripping flow? This seminar explores hip-hop's poetic prehistory, looking to the rhyming and oral poetics that have long defined African American experience. In so doing, we'll uncover hidden histories of everyday eloquence and explore spoken/sung poetry's role in marking cultural identity.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**FOLK 77H. First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme. 3 Credits.**

What are the roots of hip-hop's masterful rhymes and tongue-tripping flow? This seminar explores hip-hop's poetic prehistory, looking to the rhyming and oral poetics that have long defined African American experience. In so doing, we'll uncover hidden histories of everyday eloquence and explore spoken/sung poetry's role in marking cultural identity.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**FOLK 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**FOLK 130. Anthropology of the Caribbean. 3 Credits.**

Theories and examples of how Caribbean people live, act, and see themselves within various cultural, social, economic, and political contexts across time. Attention to North American views of the Caribbean.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** ANTH 130.

**FOLK 202. Introduction to Folklore. 3 Credits.**

An introduction to the study of creativity and aesthetic expression in everyday life, considering both traditional genres and contemporary innovations in the material, verbal, and musical arts.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** ENGL 202, ANTH 202.

**FOLK 230. Native American Cultures. 3 Credits.**

Broad survey of contemporary American Indian societies and cultures in the United States. Explores socio-cultural and historical diversity of tribes through film, autobiography, literature, current issues, guest speakers, archaeology, and history.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** ANTH 230.

**FOLK 310. Fairy Tales. 3 Credits.**

A study of fairy tales as historical artifacts that reveal the concerns of their times and places, as narrative structures capable of remarkable transformation, and as artistic performances drawing upon the expressive resources of multiple media, intended to challenge conventional presuppositions about the genre.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 310.

**FOLK 323. Magic, Ritual, and Belief. 3 Credits.**

Permission of the instructor. Starting with the late 19th-century evolutionists, this course discusses, intensively, major anthropological theories of magico-religious thought and practice, then offers an approach of its own.

**Grading status:** Letter grade

**Same as:** ANTH 323.

**FOLK 334. Art, Nature, and Religion: Cross-Cultural Perspectives. 3 Credits.**

This cross-cultural study of art focuses on the forms, images, and meanings of paintings, drawings, and carvings produced by the Diyin Dine'é (Navajo), the Dogon (Mali, West Africa), and the Haida, Kwagiutl, Tlingit, and Tshimshian (northwest coast of North America).

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** ANTH 334.

**FOLK 340. Southern Styles, Southern Cultures. 4 Credits.**

A journey into hidden worlds of southern meaning, exploring the region from the experiential lens of African Americans and the South's indigenous peoples, as a way of rethinking the question, "What does it mean to be a Southerner?" Students will explore focused issues each semester through intensive, group-based field work projects.

**Gen Ed:** SS, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** ANTH 340.

**FOLK 342. African-American Religious Experience. 3 Credits.**

Permission of the instructor. An introduction to the diversity of African American beliefs, experiences, and expressions from the colonial era to the present. Exploration will be both historical and thematic.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** RELI 342, ANTH 342.



**FOLK 370. Southern Legacies: The Descendants Project. 4 Credits.**

In this Course-based Undergraduate Research Experience (CURE) class, students will explore the legacy of racial terrorism in North Carolina. Students will search archival sources to discover the family histories of lynching victims, tracing those families to the present, interviewing their descendants, and working with communities to build public awareness of – and perhaps public memorials to – the victims of racial violence.

**Gen Ed:** SS, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** ANTH 370.

**FOLK 375. Food and American Studies: Cooking Up a Storm. 3 Credits.**

Explores the historical arc and study of food in America and how culinary cultures reflect regional, national, and global narratives, challenges, and identities. As an intriguing lens on to the American experience, food reveals how race, class, gender, and place are entwined in cuisine, food economies, and interactions.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** AMST 375.

**Advanced Undergraduate and Graduate-level Courses****FOLK 424. Ritual, Festival, and Public Culture. 3 Credits.**

This course explores rituals, festivals, and public cultural performances as forms of complex, collective, embodied creative expression. As sites of popular celebration, conflict resolution, identity definition, and social exchange, they provide rich texts for folkloristic study. We consider how local and global forces both sustain and challenge these forms.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade

**Same as:** ANTH 424.

**FOLK 428. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon in the works of classical and contemporary social thought.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 428, RELI 428.

**FOLK 428H. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon, in the works of classical and contemporary social thought.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 428H, RELI 428H.

**FOLK 429. Culture and Power in Southeast Asia. 3 Credits.**

The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** ANTH 429, ASIA 429.

**FOLK 435. Consciousness and Symbols. 3 Credits.**

This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 435, CMPL 435.

**FOLK 454. Historical Geography of the United States. 3 Credits.**

A study of selected past geographies of the United States with emphasis on the significant geographic changes in population, cultural, and economic conditions through time. (GHA)

**Grading status:** Letter grade

**Same as:** GEOG 454.

**FOLK 455. Ethnohistory. 3 Credits.**

Integration of data from ethnographic and archaeological research with pertinent historic information. Familiarization with a wide range of sources for ethnohistoric data and practice in obtaining and evaluating information. Pertinent theoretical concepts will be explored.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** ANTH 455.

**FOLK 470. Medicine and Anthropology. 3 Credits.**

This course examines cultural understandings of health, illness, and medical systems from an anthropological perspective with a special focus on Western medicine.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 470.

**FOLK 473. Anthropology of the Body and the Subject. 3 Credits.**

Anthropological and historical studies of cultural constructions of bodily experience and subjectivity are reviewed, with emphasis on the genesis of the modern individual and cultural approaches to gender and sexuality.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 473.

**FOLK 476. Graffiti, Gods, and Gardens: Urban Folklore. 3 Credits.**

What is the relationship between distinctive features of urban environments and the expressive forms found in those settings? This course explores the impact of the urban setting on folk traditions. We examine how people transform urban spaces into places of meaning through storytelling, festival, ritual, food, art, music, and dance.

**Gen Ed:** VP, EE- Field Work, US.

**Grading status:** Letter grade.

**FOLK 480. Vernacular Traditions in African American Music. 4 Credits.**

Explores performance traditions in African American music, tracing development from African song through reels, blues, gospel, and contemporary vernacular expression. Focuses on continuity, creativity, and change within African American aesthetics. Previously offered as FOLK 610/AAAD 432.

**Gen Ed:** HS, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** AAAD 480.

**FOLK 481. The Changing Lives of Jewish Objects. 3 Credits.**

What makes an object "Jewish"? This seminar examines how we think about, animate, repurpose, and display "Jewish" objects in contemporary life – the public realm, cultural institutions, religious spaces, and the home. We consider how makers and users negotiate objects' various meanings within the domains of prayer, performance, entertainment, and exhibition.

**Gen Ed:** VP, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** JWST 481.

**FOLK 484. Discourse and Dialogue in Ethnographic Research. 3 Credits.**

Study of cultural variation in styles of speaking applied to collection of ethnographic data. Talk as responsive social action and its role in the constitution of ethnic and gender identities.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade

**Same as:** ANTH 484, LING 484.

**FOLK 487. Everyday Stories: Personal Narrative and Legend. 3 Credits.**

Oral storytelling may seem old-fashioned, but we tell true (or possibly true) stories every day. We will study personal narratives (about our own experiences) and legends (about improbable, intriguing events), exploring the techniques and structures that make them effective communication tools and the influence of different contexts and audiences.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** ENGL 487.

**FOLK 488. No Place like Home: Material Culture of the American South. 3 Credits.**

Seminar will explore the unique worlds of Southern material culture and how "artifacts" from barns to biscuits provide insight about the changing social and cultural history of the American South.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** AMST 488.

**FOLK 490. Topics in Folklore. 3 Credits.**

Topics vary from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**FOLK 495. Field Research. 3 Credits.**

Research at sites that vary.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**FOLK 496. Directed Readings in Folklore. 3 Credits.**

Permission of the department. Topic varies depending on the instructor.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**FOLK 502. Myths and Epics of the Ancient Near East. 3 Credits.**

An examination of Babylonian, Canaanite, Egyptian, Hittite, and Sumerian texts from the prebiblical era, focusing on representative myths, epics, sagas, songs, proverbs, prophecies, and hymns.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade

**Same as:** RELI 502.

**FOLK 502H. Myths and Epics of the Ancient Near East. 3 Credits.**

An examination of Babylonian, Canaanite, Egyptian, Hittite, and Sumerian texts from the prebiblical era, focusing on representative myths, epics, sagas, songs, proverbs, prophecies, and hymns.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade

**Same as:** RELI 502H.

**FOLK 505. Traditions in Transition: Jewish Folklore and Ethnography. 3 Credits.**

This seminar examines Jewish stories, humor, ritual, custom, belief, architecture, dress, and food as forms of creative expression that have complex relationships to Jewish experience, representation, identity, memory, and tradition. What makes these forms of folklore Jewish, how do source communities interpret them, and how do ethnographers document them?

**Gen Ed:** VP, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** JWST 505.

**FOLK 525. Culture and Personality. 3 Credits.**

Systems theory used to conceptualize relationship between cultural patterns and individual minds. Functional, dysfunctional, and therapeutic processes considered. Examples from Africa, Asia, Europe, and Native America. Lectures, films, recitations.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 525.

**FOLK 537. Gender and Performance: Constituting Identity. 3 Credits.**

Examines the culturally and historically variable ways in which individuals constitute themselves as cis- or transgendered subjects, drawing upon extant expressive resources, modifying them, and expanding options available to others. Performance of self as the product of esthetically marked or unmarked, everyday actions.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 537, WGST 438.

**FOLK 550. Introduction to Material Culture. 3 Credits.**

An introduction to material folk culture, exploring the meanings that people bring to traditional arts and the artful creations with which they surround themselves (e.g., architecture, clothing, altars, tools, food).

**Gen Ed:** VP.

**Grading status:** Letter grade.

**FOLK 560. Southern Literature and the Oral Tradition. 3 Credits.**

Course considers how Southern writers employ folklore genres such as folk tales, sermons, and music and how such genres provide structure for literary forms like the novel and the short story.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**FOLK 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 562, HIST 562, WGST 562.

**FOLK 562H. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 562H, HIST 562H, WGST 562H.

**FOLK 565. Ritual, Theatre, and Performance Art. 3 Credits.**

Explores how each of these forms of performance communicates meaning and feeling and points to possibility. Students develop performances in each mode, informed by readings in anthropology and directing theory.

**Requisites:** Prerequisite, COMM 160; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** COMM 362.

**FOLK 571. Southern Music. 3 Credits.**

Explores the history of music in the American South from its roots to 20th-century musical forms, revealing how music serves as a window on the region's history and culture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 571.

**FOLK 587. Folklore in the South. 3 Credits.**

An issue-oriented study of Southern folklore, exploring the ways that vernacular artistic expression (from barns and barbecue to gospel and well-told tales) come to define both community and region.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**FOLK 670. Introduction to Oral History. 3 Credits.**

Introduces students to the uses of interviews in historical research. Questions of ethics, interpretation, and the construction of memory will be explored, and interviewing skills will be developed through field work.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade

**Same as:** HIST 670.

**FOLK 675. Ethnographic Method. 3 Credits.**

Intensive study and practice of the core research methods of cultural and social anthropology.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade

**Same as:** ANTH 675.

**FOLK 688. Observation and Interpretation of Religious Action. 3 Credits.**

Permission of the instructor. Exercises (including field work) in learning to read the primary modes of public action in religious traditions, e.g., sermons, testimonies, rituals, and prayers.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade

**Same as:** ANTH 688, RELI 688.

**FOLK 690. Studies In Folklore. 3 Credits.**

Topic varies from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**FOLK 691H. Honors Project in Folklore. 3 Credits.**

Permission of the instructor. For honors candidates. Ethnographic and/or library research and analysis of the gathered materials, leading to a draft of an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**FOLK 692H. Honors Thesis in Folklore. 3 Credits.**

Writing of an honors thesis based on independent research conducted in FOLK 691H. Open only to senior honors candidates who work under the direction of a faculty member.

**Requisites:** Prerequisite, FOLK 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## American Studies Major, B.A.

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)

204 Greenlaw Hall, CB# 3520

(919) 962-5481

#### Elizabeth Engelhardt, Chair

#### Gabrielle Berlinger, Director of Undergraduate Studies

[amstdus@unc.edu](mailto:amstdus@unc.edu)

The B.A. major in the American Studies area provides students with a broad foundation in ways of studying and researching American culture, exposure, and the opportunity to explore specific eras and genres in depth.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.—Folklore Concentration (p. 151)
- American Studies Major, B.A.—Global American Studies Concentration (p. 154)
- American Studies Major, B.A.—Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The concentration in American studies consists of nine courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
Introduction (one of the following):		3
AMST 101	The Emergence of Modern America	
AMST 102	Myth and History in American Memory	
AMST 334	Defining America I <sup>H</sup>	
AMST 335	Defining America II <sup>H</sup>	
AMST 201	Literary Approaches to American Studies	3
or AMST 202	Historical Approaches to American Studies	
Topics: At least two AMST courses numbered above 202 (not including independent study or honors thesis research)		6
Literature (one course, see list below)		3
Ideas and Traditions (one course, see list below)		3
Expressive Arts and Popular Culture (one course, see list below)		3
Regionalism, Transnationalism, and the Public Sphere (one course, see list below)		3
Ethnicity and Diversity (one course, see list below)		3
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

American studies (AMST) course descriptions (p. 133).

AMST 396, FOLK 490, and FOLK 690 may fall under various categories, depending on the focus of these courses in a given semester; the course

instructor and director of undergraduate studies will decide which category they fulfill.

At the core of the undergraduate major concentration in American studies are two required courses in interdisciplinary cultural analysis (see above). Majors also choose at least two advanced seminars in the department that focus readings and research on topics representative of both the talents of its faculty members and emergent directions in American studies scholarship. For the remainder of their requirements, majors select a series of relevant electives offered by over a dozen different University departments and curricula. These courses deepen majors' interdisciplinary awareness of American traditions, institutions, literature, and arts as well as expose students to a diversity of American experiences and perspectives. Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major requirements; such courses will be evaluated on a case-by-case basis.

## Literature

Code	Title	Hours
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3
AMST 252	Muslim American Literatures and Cultures	3
AMST 256	Anti-'50s: Voices of a Counter Decade	3
AMST 257	Melville: Culture and Criticism	3
AMST 290	Topics in American Studies	3
AMST 338	Native American Novel	3
AMST 360	The Jewish Writer in American Life	3
AMST 365	Women and Detective Fiction: From Miss Violet Strange to Veronica Mars	3
AMST 371	LGBTQ Film and Fiction from 1950 to the Present	3
AMST 440	American Indian Poetry	3
AMST/CMPL/ ENGL 685	Literature of the Americas	3
FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3
FOLK/ENGL 487	Everyday Stories: Personal Narrative and Legend	3
CMPL 464	Naturalism	3
COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3
COMM 664	Paranoia in Performance	3
ENGL 270	Studies in Asian American Literature	3
ENGL 317	Networked Composition	3
ENGL 343	American Literature before 1860 <sup>H</sup>	3
ENGL 344	American Literature, 1860-1900 <sup>H</sup>	3
ENGL 345	American Literature, 1900-2000 <sup>H</sup>	3
ENGL 347	The American Novel <sup>H</sup>	3
ENGL 348	American Poetry <sup>H</sup>	3
ENGL 367	African American Literature to 1930 <sup>H</sup>	3
ENGL 368	African American Literature, 1930-1970 <sup>H</sup>	3
ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>	3
ENGL 370	Race, Health, and Narrative <sup>H</sup>	3
ENGL 373	Southern American Literature <sup>H</sup>	3
ENGL/WGST 374	Southern Women Writers	3
ENGL 375	Contemporary North Carolina Literature	3

ENGL 443	American Literature before 1860–Contemporary Issues <sup>H</sup>	3	COMM/PWAD 355	Terrorism and Political Violence	3
ENGL 444	American Literature, 1860-1900–Contemporary Issues <sup>H</sup>	3	COMM/PWAD 575	Presidential Rhetoric	3
ENGL 445	American Literature, 1900-2000–Contemporary Issues <sup>H</sup>	3	ECON/MNGT 330	Economic History of the United States	3
ENGL/WGST 446	American Women Authors <sup>H</sup>	3	ECON 430	Economic Development of the United States	3
ENGL 472	African American Literature–Contemporary Issues <sup>H</sup>	3	EDUC 441	Education in American Society	3
RELI 240	Religion, Literature, and the Arts in America <sup>H</sup>	3	ENEC 208	New Frontiers: Environment and Society in the United States <sup>H</sup>	3-4
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3	HIST 239	Religion in North America since 1865	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ideas and Traditions

Code	Title	Hours	Code	Title	Hours
AMST 220	On the Question of the Animal: Contemporary Animal Studies	3	HIST 244	History of the American Presidency	3
AMST 225	Comedy and Ethics	3	HIST/PWAD 245	The United States and the Cold War: Origins, Development, Legacy	3
AMST 225L	The Practice of Stand Up Comedy	1	HIST 355/ WGST 354	American Women's History to 1865	3
AMST 255	Mid-20th-Century American Thought and Culture	3	HIST/WGST 356	American Women's History, 1865 to the Present	3
AMST 269	Mating and Marriage in American Culture	3	HIST 359	Jacksonian America, 1815-1848	3
AMST 277	Globalization and National Identity <sup>H</sup>	3	HIST 360	Modern American Intellectual History <sup>H</sup>	3
AMST 291	Ethics and American Studies	3	HIST/MNGT 364	History of American Business	3
AMST 334	Defining America I <sup>H</sup>	3	HIST/MNGT 365	The Worker and American Life	3
AMST 335	Defining America II <sup>H</sup>	3	HIST/PWAD 368	War and American Society to 1903	3
AMST 337	Beyond Red Power: American Indian Activism since 1900	3	HIST/PWAD 369	War and American Society, 1903 to the Present	3
AMST 387	Race and Empire in 20th-Century American Intellectual History	3	HIST 372	History of American Politics, 1932-Present <sup>H</sup>	3
AMST 392	Radical Communities in Twentieth Century American Religious History	3	HIST/PWAD 373	The United States in World War II	3
AMST 394	The University in American Life: The University of North Carolina	3	HIST/WGST 375	History of Gender in America	3
AMST 420	Theories in American Studies	3	HIST 384	America in the Sixties <sup>H</sup>	3
AMST 475	Documenting Communities <sup>H</sup>	3	HIST 475/ WGST 476	Feminist Movements in the United States since 1945 <sup>H</sup>	3
AMST 510	Federal Indian Law and Policy	3	HIST 561	The American Colonial Experience	3
AMST 511	American Indians and American Law	3	HIST/PWAD 564	The American Revolution, 1763-1815	3
AMST 512	Race and American Law	3	HIST/PWAD 565	Civil War and Reconstruction, 1848-1900	3
FOLK/ANTH 424	Ritual, Festival, and Public Culture	3	HIST 566	The History of Sexuality in America	3
FOLK/ANTH 537/ WGST 438	Gender and Performance: Constituting Identity	3	HIST 581	American Constitutional History to 1876	3
FOLK/COMM/ HIST/WGST 562	Oral History and Performance <sup>H</sup>	3	HIST 582	American Constitutional History since 1876	3
FOLK/HIST 670	Introduction to Oral History	3	HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
AAAD 159	The History of the Black Church and Social Change	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
AAAD 257	Black Nationalism in the United States	3	MEJO 448	Freedom of Expression in the United States	3
AAAD 258	The Civil Rights Movement	3	PHIL 228	American Philosophy	3
AAAD/LING 335	Structure of African American English	3	PHIL 274	African American Political Philosophy <sup>H</sup>	3
AAAD 430	African American Intellectual History	3	PHIL 428	History of American Philosophy	3
AAAD/POLI 333	Race and Public Policy in the United States	3	PHIL 473	American Political Philosophy	3
COMM 372	The Rhetoric of Social Movements	3	PLCY/PWAD 220	The Politics of Public Policy <sup>H</sup>	3
			POLI 200	The President, Congress, and Public Policy	3
			POLI 202	The United States Supreme Court	3
			POLI 280	American Political Thought <sup>H</sup>	3
			POLI 410	The Constitution of the United States	3
			POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3
			POLI 412	United States National Elections <sup>H</sup>	3
			RELI 241	Messianic Movements in American History	3
			RELI 338	Religion in American Law	3
			RELI 340	Liberal Tradition in American Religion	3



RELI 441	Religion in Early America <sup>H</sup>	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
SOCI 433	Immigration in Contemporary America	3
SOCI 468	United States Poverty and Public Policy	3
WGST 560	Women and Religion in United States History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Expressive Arts and Popular Culture

Code	Title	Hours
AMST 268	American Cinema and American Culture	3
AMST 283	American Home	3
AMST 284	Visual Culture	3
AMST 336	Native Americans in Film	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 371	LGBTQ Film and Fiction from 1950 to the Present	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
AMST 482	Images of the American Landscape	3
AMST 483	Seeing the USA: Visual Arts and American Culture	3
AMST 485	Folk, Self-Taught, Vernacular, and Outsider Arts	3
AMST 487	Early American Architecture and Material Life	3
AMST 489	Writing Material Culture	3
AMST 498	Advanced Seminar in American Studies	3
AMST/FOLK 375	Food and American Studies: Cooking Up a Storm	3
AMST/HIST 671	Introduction to Public History	3
AMST/WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
FOLK/JWST 481	The Changing Lives of Jewish Objects	3
FOLK 550	Introduction to Material Culture	3
FOLK 560	Southern Literature and the Oral Tradition	3
FOLK/AAAD 480	Vernacular Traditions in African American Music	4
FOLK/ANTH/ LING 484	Discourse and Dialogue in Ethnographic Research	3
FOLK/ENGL 310	Fairy Tales	3
FOLK/ENGL 487	Everyday Stories: Personal Narrative and Legend	3
FOLK/HIST 571	Southern Music	3
AAAD 250	The African American in Motion Pictures: 1900 to the Present	3
AAAD 259	Black Influences on Popular Culture	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD 334	Performing African American History	3
AAAD 340	Diaspora Art and Cultural Politics	3
AAAD 356	The History of Hip-Hop Culture	3
AAAD 449	Black Women in Cinema: From the Early 1900s to the Present	3
AAAD 451	Orality, Literacy, and Cultural Production: African Americans and Racial Modernity	3

ARTH 285	Art Since 1960	3
ARTH 287/ AAAD 237	African American Art Survey	3
ARTH 288	19th-Century American Art	3
ARTH 289	Art in the United States, 1890-1945: American Modernisms	3
ARTH 385	Pop Art and Its Legacy	3
ARTH 387/ AAAD 330	20th-Century African American Art	3
ARTH 557	Art and Money	3
ARTH 586	Cultural Politics in Contemporary Art	3
COMM 251	Introduction to American Film and Culture, 1965-Present	3
COMM/WGST 345	Women in Film	3
COMM 430	History of American Screenwriting	3
COMM 548	Humor and Culture	3
COMM 550	American Independent Cinema	3
COMM 573	The American Experience in Rhetoric	3
COMM 577	Rhetoric and Black Culture	3
DRAM 287	African American Theatre	3
DRAM 292	Corner of the Sky": The American Musical	3
DRAM 488	United States Latino/a Theatre	3
ENGL 284	Reading Children's Literature	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
HIST 125	The Social History of Popular Music in 20th-Century America	3
HIST 362	Baseball and American History	3
HIST 363	Popular Culture and American History <sup>H</sup>	3
HIST 381	Bebop to Hip-Hop: The Modern Black Freedom Struggle through Music	3
HIST/FOLK 571	Southern Music	3
HIST 625	Technology and American Culture	3
MUSC 143	Introduction to Rock Music	3
MUSC 144	Introduction to Country Music	3
MUSC 145	Introduction to Jazz	3
MUSC 147	Introduction to the Music of the Americas	3
MUSC 281	Popular Song in American Culture	3
MUSC 294	Bluegrass Music, Culture, and History	3
RELI 236	Religious Things	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
WGST 285	African American Women in the Media	3
WGST 555	Women and Creativity	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Regionalism, Transnationalism, and the Public Sphere

Code	Title	Hours
AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3

AMST 211	Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3	ENGL 270	Studies in Asian American Literature	3
AMST 259	Tobacco and America	3	ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3
AMST 277	Globalization and National Identity <sup>H</sup>	3	ENGL 315	English in the U.S.A. <sup>H</sup>	3
AMST 283	American Home	3	ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
AMST/ECON 285	Access to Work in America	3	ENGL 475	Southern Literature—Contemporary Issues	3
AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3	GEOG 228	Urban Geography	3
AMST 351	Global Waters, American Impacts, and Critical Connections	3	GEOG 260	North America's Landscapes	3
AMST/FOLK 375	Food and American Studies: Cooking Up a Storm	3	GEOG 261	The South	3
AMST 378	Nation Building and National Identity in Australia and the United States <sup>H</sup>	3	GEOG 262	Geography of North Carolina	3
AMST 387	Race and Empire in 20th-Century American Intellectual History	3	GEOG 429	Urban Political Geography: Durham, NC	3
AMST 394 & 394L	The University in American Life: The University of North Carolina and Role of the University	4	GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
AMST 398	Service Learning in America	3	HIST/AMST 233	Native American History: The West	3
AMST 410	Senior Seminar in Southern Studies	3	HIST 236	Sex and American History	3
AMST 460	Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment	3	HIST 242	United States-Latin American Relations	3
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South	3	HIST 243	The United States and Africa <sup>H</sup>	3
FOLK 587	Folklore in the South	3	HIST 246	The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
FOLK/ANTH 340	Southern Styles, Southern Cultures	4	HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
FOLK/GEOG 454	Historical Geography of the United States	3	HIST/ASIA/PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
AAAD 252	Blacks in the West	3	HIST 289	America in the 1970s	3
AAAD 254	Blacks in North Carolina	3	HIST 357	The Old South	3
AAAD 278	Black Caribbeans in the United States	3	HIST 358	The New South	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3	HIST 366	North Carolina History before 1865	3
AAAD 298	Blacks in British North America to 1833	3	HIST 367	North Carolina History since 1865	3
AAAD 332	Remembering Race and Slavery	3	HIST/PWAD 373	The United States in World War II	3
AAAD 385	Emancipation in the New World	3	HIST 374	The American West, 1800 to the Present	3
AAAD 485	Transnational Black Feminist Thought and Practice	3	HIST 534	The African Diaspora	3
AAAD/POLI 333	Race and Public Policy in the United States	3	HIST/WGST 568	Women in the South	3
ANTH 584	Conspiracy Thinking in Contemporary United States <sup>H</sup>	3	HIST/ASIA/PWAD 570	The Vietnam War	3
ARTH 281	Art of Exchange and Exploration: Early America and the Globe	3	HIST/PWAD 577	United States Foreign Relations in the 20th Century	3
ARTH 453/AAAD 486	Africa in the American Imagination <sup>H</sup>	3	HIST 593	Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program	3
ARTH 485	Art of the Harlem Renaissance	3	ITAL/PWAD 339	US-Italian Encounters: War, Tourism, Myth	3
ARTH 556	Visual Cultures of the American City, 1750-1950	3	MEJO 242	From Gutenberg to Google: A History of Media	3
COMM 372	The Rhetoric of Social Movements	3	MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
COMM 374	The Southern Experience in Rhetoric	3	MEJO 443	Latino Media Studies	3
COMM 437	United States Black Culture and Performance	3	PLAN 550	Evolution of the American City	3
COMM 573	The American Experience in Rhetoric	3	PLAN/ENEC/ENVR/PLCY 585	American Environmental Policy	3
COMM 576	Making and Manipulating "Race" in the United States	3	PLCY 349	Immigration Policy in the 21st Century	3
DRAM 489	Carnivals and Festivals of the African Diaspora	3	PLCY 361	Health Policy and Politics	3
ENGL 267	Growing Up Latina/o	3	PLCY/PWAD 455	9/11 and Its Aftermath	3
			POLI 203	Race, Innocence, and the Decline of the Death Penalty	4
			POLI 231	Latin America and the United States in World Politics	3
			POLI 404	Race, Immigration, and Urban Politics	3
			POLI 418	Mass Media and American Politics	3

POLI/PWAD 443	American Foreign Policy: Formulation and Conduct	3	ARTH 554	Imagining Otherness in Visual Culture in the Americas	3
RELI 345	Black Atlantic Religions <sup>H</sup>	3	ASIA 350	The Asian American Experience	3
SOCI 115	Regional Sociology of the South	3	CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3
SOCI 468	United States Poverty and Public Policy	3	COMM/WGST 524	Gender, Communication, and Culture <sup>H</sup>	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3	COMM 576	Making and Manipulating "Race" in the United States	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ethnicity and Diversity

Code	Title	Hours	Code	Title	Hours
AMST/HIST 231	Native American History: The East	3	ENGL 267	Growing Up Latina/o	3
AMST/HIST 233	Native American History: The West	3	ENGL 270	Studies in Asian American Literature	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3	ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3
AMST/HIST 235	Native America in the 20th Century	3	ENGL/JWST 289	Jewish American Literature and Culture of the 20th Century	3
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3	ENGL 359	Latina Feminisms	3
AMST 252	Muslim American Literatures and Cultures	3	ENGL/ASIA 360	Contemporary Asian American Literature and Theory	3
AMST/JWST/WGST 253	A Social History of Jewish Women in America	3	ENGL/WGST 361	Asian American Women's Writing	3
AMST 258	Captivity and American Cultural Definition	3	ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
AMST 317	Adoption in America	3	ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
AMST 336	Native Americans in Film	3	ENGL 472	African American Literature—Contemporary Issues <sup>H</sup>	3
AMST 337	Beyond Red Power: American Indian Activism since 1900	3	HIST 236	Sex and American History	3
AMST 339	The Long 1960s in Native America	3	HIST 241	History of Latinos in the United States	3
AMST 341	Digital Native America	3	HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3
AMST 360	The Jewish Writer in American Life	3	HIST 376	History of African Americans to 1865	3
AMST 392	Radical Communities in Twentieth Century American Religious History	3	HIST 377	History of African Americans, 1865 to Present <sup>H</sup>	3
AMST 440	American Indian Poetry	3	HIST/WGST 569	African American Women's History	3
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South	3	HIST/WGST 576	The Ethnohistory of Native American Women	3
AMST 512	Race and American Law	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
AMST/ANTH 203	Approaches to American Indian Studies	3	HIST 361/WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
FOLK/AAAD 480	Vernacular Traditions in African American Music	4	LTAM 291	The Latino Experience in the United States	3
FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3	MEJO 342	The Black Press and United States History	3
AAAD 231	African American History since 1865	3	POLI/WGST 217	Women and Politics	3
AAAD 232/WGST 266	Black Women in America	3	POLI/WGST 218	Politics of Sexuality	3
AAAD/POLI 240	African American Politics	3	POLI 220	Race, Ethnicity, and Electoral Representation in the United States	3
AAAD 257	Black Nationalism in the United States	3	POLI 419	Race and Politics in the Contemporary United States <sup>H</sup>	3
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3	POLI 422	Minority Representation in the American States	3
AAAD 350	The Harlem Renaissance	3	PSYC 467	The Development of Black Children	3
ANTH 206	American Indian Societies	3	PSYC 503	African American Psychology	3
ANTH/FOLK 230	Native American Cultures	3	RELI 141	African American Religions <sup>H</sup>	3
ANTH 250	Archaeology of North America <sup>H</sup>	3	RELI 142	Catholicism in America	3
ARTH 387/AAAD 330	20th-Century African American Art	3	RELI 242	New Religious Movements in America	3
ARTH 485	Art of the Harlem Renaissance	3	RELI/JWST 243	Introduction to American Judaism	3

RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
RELI 248	Introduction to American Islam <sup>H</sup>	3
RELI/ANTH/FOLK 342	African-American Religious Experience	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI/ASIA 445	Asian Religions in America	3
RELI 540	Mormonism and the American Experience	3
RELI 580	African American Islam	3
SLAV/JWST 469	Coming to America: The Slavic Immigrant Experience in Literature	3
WGST 233	Introduction to Latina Literature	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 553	Theorizing Black Feminisms	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in American Studies

### Honors in American Studies

The American studies major offers a two-course honors program: AMST 691H in the fall semester and AMST 692H in the spring semester. Students must propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. For each semester of honors work, thesis students must submit a signed learning contract to the Department of American Studies during the registration period. During the two semesters devoted to honors work, students conduct individual research and prepare an honors thesis under the supervision of a faculty member. Students also will attend a weekly seminar at the discretion of the advisor. Students must maintain a 3.3 cumulative grade point average to be eligible. With the approval of the associate or the assistant dean for honors, students with a slightly lower average who have a reasonable expectation of meeting the requirement within one more semester may embark upon the honors thesis, understanding that if they do not attain the 3.3 standard they may continue the research project as independent study but are not eligible to graduate with honors or highest honors.

### Experiential Education

The Department of American Studies offers a seminar on Service Learning in America (AMST 398) and offers credits for approved internship projects (AMST 493). Students have learned about American studies by serving the community in museums, schools, social agencies, and other cultural institutions. Many courses in the folklore program also offer experiential education credit through ethnographic training and fieldwork opportunities.

### Study Abroad

The Department of American Studies encourages students to consider a semester or more of study abroad and has developed close relations with several American studies programs in different countries. Studying American experience in international contexts is an integral part of understanding the place and influence of the United States in the world. Student learning is enhanced by the perspectives gained by examining how American subjects are taught in universities around the globe as well as by encountering the international students who enroll in American studies courses in Chapel Hill. Study abroad offers students of

folklore the opportunity to understand the rich vernacular and traditional cultures of other parts of the world from both a local and a comparative perspective. Students can receive American studies major credit for selected study abroad programs and are encouraged to make study abroad part of their academic plans. Study abroad courses can count toward the global American studies major or minor. Students interested in this experience should consult with the director of undergraduate studies or with the Study Abroad Office about international exchange programs sponsored by UNC–Chapel Hill. Furthermore, American studies majors and minors may apply for the Julia Preston Brumley Travel Scholarship, which is only available to American studies students, to help fund their study abroad.

### Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies.

### Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

## American Studies Major, B.A.– American Indian and Indigenous Studies Concentration

### Contact Information

**Department of American Studies**  
Visit Program Website (<http://amerstud.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

**Elizabeth Engelhardt, Chair**

**Gabrielle Berlinger, Director of Undergraduate Studies**  
amstdus@unc.edu

The American Indian and indigenous studies concentration provides a meaningful grounding in the histories, cultures, and contemporary experiences of peoples indigenous to North America, as well as their encounters with settler states. The curriculum increasingly provides opportunities for students to gain a hemispheric perspective that includes the histories, cultures, and contemporary experiences of the indigenous peoples of the Americas. Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major requirements; such courses will be evaluated on a case-by-case basis.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 149)



- American Studies Major, B.A.—Folklore Concentration (p. 151)
- American Studies Major, B.A.—Global American Studies Concentration (p. 154)
- American Studies Major, B.A.—Southern Studies Concentration (p. 156)

#### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

#### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The concentration in American Indian and indigenous studies consists of nine courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3
AMST/ANTH 203	Approaches to American Indian Studies	3
History (two courses, see list below)		6
Law and Social Science (two courses, see list below)		6
Language and Expressive Culture (two courses, see list below)		6
Elective (one course from a category above)		3
Total Hours		27

## History

Code	Title	Hours
AMST 337	Beyond Red Power: American Indian Activism since 1900	3
AMST 339	The Long 1960s in Native America	3
AMST 341	Digital Native America	3
AMST 510	Federal Indian Law and Policy	3
AMST 511	American Indians and American Law	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3
AMST/HIST 231	Native American History: The East	3
AMST/HIST 233	Native American History: The West	3
AMST/HIST 235	Native America in the 20th Century	3
HIST 142	Latin America under Colonial Rule	3
HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3
HIST 526	History of the Andes	3
HIST 527	Latin American Indigenous Peoples	3
HIST 529	Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation	3
HIST/WGST 576	The Ethnohistory of Native American Women	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Law and Social Science

Code	Title	Hours
AMST 510	Federal Indian Law and Policy	3
AMST 511	American Indians and American Law	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3
FOLK/ANTH 230	Native American Cultures	3
ANTH 121	Ancient Cities of the Americas	3
ANTH 206	American Indian Societies	3
ANTH 231	Archaeology of South America	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 250	Archaeology of North America <sup>H</sup>	3
ANTH 252	Archaeology of Food	3
ANTH 406	Native Writers	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ANTH 550	Archaeology of the American South	3



RELI 448	Native and Christian: Indigenous Engagements with Christianity	3
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H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Language and Expressive Culture

Code	Title	Hours
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3
AMST 336	Native Americans in Film	3
AMST 338	Native American Novel	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
ANTH 406	Native Writers	3
ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
CHER 101	Elementary Cherokee Language I	3
CHER 102	Elementary Cherokee Language II	3
CHER 203	Intermediate Cherokee Language I	3
CHER 204	Intermediate Cherokee Language II	3
LING 558	Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
MAYA 401	Introduction to Yucatec Maya	3
SPAN 344	Latin@ American Cultural Topics	3
SPAN 374	Mesoamerica through Its Native Literatures	3
SPAN 625	Indigenous Literatures and Cultures of the Américas	3
SPAN 683	Guaraní Linguistics	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in American Studies Honors in American Studies

The American studies major offers a two-course honors program: AMST 691H in the fall semester and AMST 692H in the spring semester. Students must propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. For each semester of honors work, thesis students must submit a signed learning contract to the Department of American Studies during the registration period. During the two semesters devoted to honors work, students conduct individual research and prepare an honors thesis under the supervision of a faculty member. Students also will attend a weekly seminar at the discretion of the advisor. Students must maintain a 3.3 cumulative grade point average to be eligible. With the approval of the associate or the assistant dean for honors, students with a slightly lower average who have a reasonable expectation of meeting the requirement within one more semester may embark upon the honors thesis, understanding that if they do not attain the 3.3 standard they may

continue the research project as independent study but are not eligible to graduate with honors or highest honors.

## Experiential Education

The Department of American Studies offers a seminar on Service Learning in America (AMST 398) and offers credits for approved internship projects (AMST 493). Students have learned about American studies by serving the community in museums, schools, social agencies, and other cultural institutions. Many courses in the folklore program also offer experiential education credit through ethnographic training and fieldwork opportunities.

## Study Abroad

The Department of American Studies encourages students to consider a semester or more of study abroad and has developed close relations with several American studies programs in different countries. Studying American experience in international contexts is an integral part of understanding the place and influence of the United States in the world. Student learning is enhanced by the perspectives gained by examining how American subjects are taught in universities around the globe as well as by encountering the international students who enroll in American studies courses in Chapel Hill. Study abroad offers students of folklore the opportunity to understand the rich vernacular and traditional cultures of other parts of the world from both a local and a comparative perspective. Students can receive American studies major credit for selected study abroad programs and are encouraged to make study abroad part of their academic plans. Study abroad courses can count toward the global American studies major or minor. Students interested in this experience should consult with the director of undergraduate studies or with the Study Abroad Office about international exchange programs sponsored by UNC–Chapel Hill. Furthermore, American studies majors and minors may apply for the Julia Preston Brumley Travel Scholarship, which is only available to American studies students, to help fund their study abroad.

## Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies.

## Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

## American Studies Major, B.A. – Folklore Concentration

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

Elizabeth Engelhardt, Chair

**Gabrielle Berlinger, Director of Undergraduate Studies**  
amstdus@unc.edu

The concentration in folklore emphasizes the study of creativity and aesthetic expression in everyday life, focusing on those expressive realms that communities infuse with cultural meaning and through which they give voice to the issues and concerns they see as central to their being. These realms are often deeply grounded in tradition; this doesn't mean, however, that they're always or necessarily *old*. Just as communities change their own sense of self in response to shifting social, political, and economic realities, so too does the artistry they create evolve. Folklore thus moves beyond the study of the old and time-honored to explore emergent meanings and cultural forms. Trending tweets, food trucks, slam poetry, and hip hop freestyling are just as relevant to folklorists' study as are string-band tunes, Cherokee quilts, family recipes, and blues. The communities that our students study are equally broad, ranging from Lumbee sheetrock workers and Latino line cooks to urban homesteaders and Black Lives Matter activists. The main way that we explore contemporary folklore, in turn, is ethnographic fieldwork, the real-world study of people's lives in everyday settings, grounded in conversation and participatory engagement. Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major requirements; such courses will be evaluated on a case-by-case basis.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.—Folklore Concentration (p. 151)
- American Studies Major, B.A.—Global American Studies Concentration (p. 154)
- American Studies Major, B.A.—Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The concentration in folklore consists of nine courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
Introduction:		
FOLK/ANTH/ ENGL 202	Introduction to Folklore	3
Four core content courses from the list below		12
Two ethnographic-intensive courses from the list below (the same course may not be taken to satisfy two different concentration requirements)		6
Two other AMST courses numbered AMST 101 or above		6
Total Hours		27

American studies (AMST) course descriptions (p. 133).

## Content Courses

Code	Title	Hours
AMST 283	American Home	3
AMST 284	Visual Culture	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3
AMST 482	Images of the American Landscape	3
AMST 485	Folk, Self-Taught, Vernacular, and Outsider Arts	3
AMST 489	Writing Material Culture	3
AMST/FOLK 375	Food and American Studies: Cooking Up a Storm	3
AMST/HIST 671	Introduction to Public History	3

AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South	3	FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	3	ANTH 477	Visual Anthropology	3
FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3	ANTH 625	Ethnography and Life Stories	3
FOLK 490	Topics in Folklore	3	WGST 230	Women in Contemporary Art: A Field Study	3
FOLK 550	Introduction to Material Culture	3	<b>Special Opportunities in American Studies</b>		
FOLK 560	Southern Literature and the Oral Tradition	3	<b>Honors in American Studies</b>		
FOLK 690	Studies In Folklore	3	The American studies major offers a two-course honors program: AMST 691H in the fall semester and AMST 692H in the spring semester. Students must propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. For each semester of honors work, thesis students must submit a signed learning contract to the Department of American Studies during the registration period. During the two semesters devoted to honors work, students conduct individual research and prepare an honors thesis under the supervision of a faculty member. Students also will attend a weekly seminar at the discretion of the advisor. Students must maintain a 3.3 cumulative grade point average to be eligible. With the approval of the associate or the assistant dean for honors, students with a slightly lower average who have a reasonable expectation of meeting the requirement within one more semester may embark upon the honors thesis, understanding that if they do not attain the 3.3 standard they may continue the research project as independent study but are not eligible to graduate with honors or highest honors.		
FOLK/AAAD 480	Vernacular Traditions in African American Music	4	<b>Experiential Education</b>		
FOLK/ANTH 424	Ritual, Festival, and Public Culture	3	The Department of American Studies offers a seminar on Service Learning in America (AMST 398) and offers credits for approved internship projects (AMST 493). Students have learned about American studies by serving the community in museums, schools, social agencies, and other cultural institutions. Many courses in the folklore program also offer experiential education credit through ethnographic training and fieldwork opportunities.		
FOLK/ANTH 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3	<b>Study Abroad</b>		
FOLK/ANTH 340	Southern Styles, Southern Cultures	4	The Department of American Studies encourages students to consider a semester or more of study abroad and has developed close relations with several American studies programs in different countries. Studying American experience in international contexts is an integral part of understanding the place and influence of the United States in the world. Student learning is enhanced by the perspectives gained by examining how American subjects are taught in universities around the globe as well as by encountering the international students who enroll in American studies courses in Chapel Hill. Study abroad offers students of folklore the opportunity to understand the rich vernacular and traditional cultures of other parts of the world from both a local and a comparative perspective. Students can receive American studies major credit for selected study abroad programs and are encouraged to make study abroad part of their academic plans. Study abroad courses can count toward the global American studies major or minor. Students interested in this experience should consult with the director of undergraduate studies or with the Study Abroad Office about international exchange programs sponsored by UNC–Chapel Hill. Furthermore, American studies majors and minors may apply for the Julia Preston Brumley Travel Scholarship, which is only available to American studies students, to help fund their study abroad.		
FOLK/ANTH 675	Ethnographic Method	3			
FOLK/ANTH/ LING 484	Discourse and Dialogue in Ethnographic Research	3			
FOLK/ANTH 537/ WGST 438	Gender and Performance: Constituting Identity	3			
FOLK/COMM/ HIST/WGST 562	Oral History and Performance <sup>H</sup>	3			
FOLK/ENGL 310	Fairy Tales	3			
FOLK/ENGL 487	Everyday Stories: Personal Narrative and Legend	3			
FOLK/HIST 571	Southern Music	3			
FOLK/HIST 670	Introduction to Oral History	3			
FOLK/JWST 481	The Changing Lives of Jewish Objects	3			
FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3			
ANTH 356	Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>H</sup>	3			
ANTH 454	The Archaeology of African Diasporas	3			
MUSC 144	Introduction to Country Music	3			
MUSC 291	Music and Politics	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ethnographic-Intensive Courses

AMST 396, FOLK 490, or FOLK 690 may be counted if appropriate with the permission of the director of undergraduate studies.

Code	Title	Hours
AMST 482	Images of the American Landscape	3
FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
FOLK 550	Introduction to Material Culture	3
FOLK/ANTH 370	Southern Legacies: The Descendants Project	4
FOLK/AAAD 480	Vernacular Traditions in African American Music	4
FOLK/ANTH 424	Ritual, Festival, and Public Culture	3
FOLK/ANTH 675	Ethnographic Method	3
FOLK/ANTH/ LING 484	Discourse and Dialogue in Ethnographic Research	3
FOLK/ENGL 487	Everyday Stories: Personal Narrative and Legend	3
FOLK/JWST 481	The Changing Lives of Jewish Objects	3

## Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies.

## Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

# American Studies Major, B.A. – Global American Studies Concentration

## Contact Information

### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

Elizabeth Engelhardt, Chair

Gabrielle Berlinger, Director of Undergraduate Studies  
amstdus@unc.edu

The major concentration in global American studies maps the reach of American cultures across political and geographical boundaries and through myriad exchanges and intersections. It encourages an engagement with “the global” that extends from the local and regional to the national and transnational, and back again. This major concentration aims to situate the study of American culture in relation to both the recent effects of globalization and in recognition of the always-global character of “America.” Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major requirements; such courses will be evaluated on a case-by-case basis.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A. – American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A. – Folklore Concentration (p. 151)
- American Studies Major, B.A. – Global American Studies Concentration (p. 154)
- American Studies Major, B.A. – Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

## Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The concentration in global American studies consists of nine courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
Introduction (one of the following):		3
AMST 101	The Emergence of Modern America	
AMST 102	Myth and History in American Memory	
AMST 334	Defining America I <sup>H</sup>	
AMST 335	Defining America II <sup>H</sup>	
AMST 201	Literary Approaches to American Studies	3
	or AMST 202 Historical Approaches to American Studies	
America in the World (at least one from the list below)		3-18
The World in America (at least one from the list below)		3-18
Total Hours		27



H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Students may elect to complete up to four approved American culture courses taken at an American studies international partner institution or other UNC-approved study abroad program. These courses should deal primarily with the United States, or with the interaction between American culture and one or more other cultures, or with the impact within the United States of other cultures. Courses must be approved by the director of undergraduate studies prior to beginning the study abroad experience.

If fewer than four courses are taken abroad, the student should increase the number of courses taken at UNC–Chapel Hill from the America in the World and The World in America lists above, to reach a total of nine courses in the major.

## America in the World

Code	Title	Hours
AMST 259	Tobacco and America	3
AMST 277	Globalization and National Identity <sup>H</sup>	3
AMST 351	Global Waters, American Impacts, and Critical Connections	3
AMST 378	Nation Building and National Identity in Australia and the United States <sup>H</sup>	3
AMST 387	Race and Empire in 20th-Century American Intellectual History	3
AMST 460	Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
CMPL/ASIA 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
GSL 280	The Dialectic of Whiteness and Blackness in Atlantic Cultures	3
HIST/PWAD 212	History of Sea Power	3
HIST/AERO/PWAD 213	Air Power and Modern Warfare	3
HIST 242	United States-Latin American Relations	3
HIST/ASIA/PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3
HIST/PWAD 373	The United States in World War II	3
HIST/ASIA/PWAD 570	The Vietnam War	3
HIST/PWAD 577	United States Foreign Relations in the 20th Century	3
HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HIST/PWAD 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST/PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3
ITAL/PWAD 339	US-Italian Encounters: War, Tourism, Myth	3
POLI 231	Latin America and the United States in World Politics	3
POLI/PWAD 443	American Foreign Policy: Formulation and Conduct	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## The World in America

Code	Title	Hours
AMST 258	Captivity and American Cultural Definition	3
AMST/CMPL/ENGL 685	Literature of the Americas	3
AAAD 278	Black Caribbeans in the United States	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 340	Diaspora Art and Cultural Politics	3
AAAD 385	Emancipation in the New World	3
AAAD 485	Transnational Black Feminist Thought and Practice	3
AAAD 486/ARTH 453	Africa in the American Imagination <sup>H</sup>	3
ASIA 350	The Asian American Experience	3
EDUC 510	Mexican American and Chicana/o Experience in Education	3
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ENGL/WGST 361	Asian American Women's Writing	3
ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
ENGL 365	Migration and Globalization <sup>H</sup>	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
HIST 241	History of Latinos in the United States	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST/WGST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3
PLCY 349	Immigration Policy in the 21st Century	3
PLCY/PWAD 455	9/11 and Its Aftermath	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
RELI 345	Black Atlantic Religions <sup>H</sup>	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI/ASIA 445	Asian Religions in America	3
RELI 580	African American Islam	3
SLAV/JWST 469	Coming to America: The Slavic Immigrant Experience in Literature	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	Introduction to Latina Literature	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



## Special Opportunities in American Studies Honors in American Studies

The American studies major offers a two-course honors program: AMST 691H in the fall semester and AMST 692H in the spring semester. Students must propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. For each semester of honors work, thesis students must submit a signed learning contract to the Department of American Studies during the registration period. During the two semesters devoted to honors work, students conduct individual research and prepare an honors thesis under the supervision of a faculty member. Students also will attend a weekly seminar at the discretion of the advisor. Students must maintain a 3.3 cumulative grade point average to be eligible. With the approval of the associate or the assistant dean for honors, students with a slightly lower average who have a reasonable expectation of meeting the requirement within one more semester may embark upon the honors thesis, understanding that if they do not attain the 3.3 standard they may continue the research project as independent study but are not eligible to graduate with honors or highest honors.

## Experiential Education

The Department of American Studies offers a seminar on Service Learning in America (AMST 398) and offers credits for approved internship projects (AMST 493). Students have learned about American studies by serving the community in museums, schools, social agencies, and other cultural institutions. Many courses in the folklore program also offer experiential education credit through ethnographic training and fieldwork opportunities.

## Study Abroad

The Department of American Studies encourages students to consider a semester or more of study abroad and has developed close relations with several American studies programs in different countries. Studying American experience in international contexts is an integral part of understanding the place and influence of the United States in the world. Student learning is enhanced by the perspectives gained by examining how American subjects are taught in universities around the globe as well as by encountering the international students who enroll in American studies courses in Chapel Hill. Study abroad offers students of folklore the opportunity to understand the rich vernacular and traditional cultures of other parts of the world from both a local and a comparative perspective. Students can receive American studies major credit for selected study abroad programs and are encouraged to make study abroad part of their academic plans. Study abroad courses can count toward the global American studies major or minor. Students interested in this experience should consult with the director of undergraduate studies or with the Study Abroad Office about international exchange programs sponsored by UNC–Chapel Hill. Furthermore, American studies majors and minors may apply for the Julia Preston Brumley Travel Scholarship, which is only available to American studies students, to help fund their study abroad.

## Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies.

## Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

## American Studies Major, B.A. – Southern Studies Concentration

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

#### Elizabeth Engelhardt, Chair

#### Gabrielle Berlinger, Director of Undergraduate Studies

[amstdus@unc.edu](mailto:amstdus@unc.edu)

The Southern studies concentration focuses critical attention on the history, society, culture, and expression of the American South with its regional, state, and local distinctiveness. It allows students to examine the American South from many disciplinary perspectives, including anthropology, art, architecture, communication studies, cultural tourism, ecology, environment, folklife, foodways, geography, history, journalism, language, law, literature, material culture, myth and manners, music, oral history, politics, public health, religion, values, and more. Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major requirements; such courses will be evaluated on a case-by-case basis.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A. –American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A. –Folklore Concentration (p. 151)
- American Studies Major, B.A. –Global American Studies Concentration (p. 154)
- American Studies Major, B.A. –Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)

- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The concentration in Southern studies consists of nine courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
Introduction:		
AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3
	or AMST 211 Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	
One AMST course AMST 101 or above other than those that count in the categories below.		3
Core content courses (at least two from the list below)		6
Thematic courses (at least five other courses; choose at least two from each of the following two lists)		15
History and Social Sciences		
Art and Expressive Culture		
Total Hours		27

American Studies (AMST) course descriptions (p. 133).

## Core Content Courses

Code	Title	Hours
AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3
AMST 211	Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3
AMST 283	American Home	3
AMST 410	Senior Seminar in Southern Studies	3
FOLK 560	Southern Literature and the Oral Tradition	3
FOLK 587	Folklore in the South	3
FOLK/ANTH 340	Southern Styles, Southern Cultures	4
FOLK/HIST 571	Southern Music	3
COMM 374	The Southern Experience in Rhetoric	3
ENGL 373	Southern American Literature <sup>H</sup>	3
GEOG 261	The South	3
HIST 357	The Old South	3
HIST 358	The New South	3
MEJO 458	Southern Politics: Critical Thinking and Writing	3
PLCY 349	Immigration Policy in the 21st Century	3
SOCI 115	Regional Sociology of the South	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Thematic Courses

### History and Social Sciences

Code	Title	Hours
AMST 259	Tobacco and America	3
AMST 283	American Home	3
AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3
AMST 394	The University in American Life: The University of North Carolina	3
AMST 398	Service Learning in America	3
AMST 475	Documenting Communities <sup>H</sup>	3
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South	3
AMST/HIST 671	Introduction to Public History	3
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 159	The History of the Black Church and Social Change	3
AAAD 254	Blacks in North Carolina	3
AAAD 258	The Civil Rights Movement	3
AAAD 385	Emancipation in the New World	3
AAAD 430	African American Intellectual History	3
ANTH 121	Ancient Cities of the Americas	3
ANTH 250	Archaeology of North America <sup>H</sup>	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ANTH 454	The Archaeology of African Diasporas	3
ANTH 538	Disease and Discrimination in Colonial Atlantic America	3
ANTH 550	Archaeology of the American South	3
GEOG 261	The South	3

GEOG 262	Geography of North Carolina	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 357	The Old South	3
HIST 358	The New South	3
HIST 366	North Carolina History before 1865	3
HIST 367	North Carolina History since 1865	3
HIST 376	History of African Americans to 1865	3
HIST 377	History of African Americans, 1865 to Present <sup>H</sup>	3
HIST 382	The History of the Civil Rights Movement	3
HIST/PWAD 565	Civil War and Reconstruction, 1848-1900	3
HIST/WGST 568	Women in the South	3
HIST/WGST 569	African American Women's History	3
HIST/FOLK 670	Introduction to Oral History	3
MEJO 458	Southern Politics: Critical Thinking and Writing	3
PLCY 349	Immigration Policy in the 21st Century	3
POLI 419	Race and Politics in the Contemporary United States <sup>H</sup>	3
SOCI 115	Regional Sociology of the South	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Art and Expressive Culture

Code	Title	Hours
FOLK 560	Southern Literature and the Oral Tradition	3
FOLK 587	Folklore in the South	3
FOLK/AAAD 480	Vernacular Traditions in African American Music	4
FOLK/ANTH 340	Southern Styles, Southern Cultures	4
FOLK/HIST 571	Southern Music	3
FOLK/ANTH/ ENGL 202	Introduction to Folklore	3
FOLK/ANTH/RELI 342	African-American Religious Experience	3
AAAD 237/ ARTH 287	African American Art Survey	3
AAAD 330/ ARTH 387	20th-Century African American Art	3
COMM 374	The Southern Experience in Rhetoric	3
ENGL 367	African American Literature to 1930 <sup>H</sup>	3
ENGL 368	African American Literature, 1930-1970 <sup>H</sup>	3
ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
ENGL 373	Southern American Literature <sup>H</sup>	3
ENGL/WGST 374	Southern Women Writers	3
ENGL 375	Contemporary North Carolina Literature	3
ENGL 475	Southern Literature—Contemporary Issues	3
MUSC 144	Introduction to Country Music	3
MUSC 145	Introduction to Jazz	3
RELI 141	African American Religions <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

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### Study Abroad

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### Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies.

## Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

## American Studies Minor

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)

204 Greenlaw Hall, CB# 3520

(919) 962-5481

**Elizabeth Engelhardt, Chair**

**Gabrielle Berlinger, Director of Undergraduate Studies**

[amstdus@unc.edu](mailto:amstdus@unc.edu)

"What is America?" and "What does it mean to be American?" The American studies area encourages students to ask these questions for themselves and to develop well-researched answers rather than to accept conventional definitions. The undergraduate program in American studies offers its majors and minors the opportunity to explore American traditions, institutions, literature, and arts and exposes students to a diversity of American experiences and perspectives.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.—Folklore Concentration (p. 151)
- American Studies Major, B.A.—Global American Studies Concentration (p. 154)
- American Studies Major, B.A.—Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in American studies consists of five courses in American studies. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
Introduction (one of the following):		3
AMST 101	The Emergence of Modern America	
AMST 102	Myth and History in American Memory	
AMST 334	Defining America I <sup>H</sup>	
AMST 335	Defining America II <sup>H</sup>	
AMST 201	Literary Approaches to American Studies	3
or AMST 202	Historical Approaches to American Studies	
Three AMST courses numbered above 202 (not including independent study or honors thesis research)		9
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

American Studies (AMST) course descriptions (p. 133).

See program page here (p. 149) for special opportunities.

## American Indian and Indigenous Studies Minor

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)

204 Greenlaw Hall, CB# 3520

(919) 962-5481

**Elizabeth Engelhardt, Chair**

**Gabrielle Berlinger, Director of Undergraduate Studies**

[amstdus@unc.edu](mailto:amstdus@unc.edu)

The research, teaching, and service in the American Indian and indigenous studies area focuses on the histories, contemporary experiences, languages, expressive culture, and political statuses of indigenous people within and beyond the United States. The major and minor explore Indian Country to teach students career building skills such as research, writing, and critically engaging with texts, images, and ideas.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.–Folklore Concentration (p. 151)
- American Studies Major, B.A.–Global American Studies Concentration (p. 154)
- American Studies Major, B.A.–Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in American Indian and indigenous studies consists of five courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3
	History (at least one, see list below)	3
	Law and Social Science (at least one, see list below)	3
	Language and Expressive Culture (at least one, see list below)	3
	Elective (one from the above categories)	3
Total Hours		15

Students may petition the director of undergraduate studies to have courses not listed approved to fulfill minor requirements; such courses will be evaluated on a case-by-case basis.

## History

Code	Title	Hours
AMST 337	Beyond Red Power: American Indian Activism since 1900	3
AMST 339	The Long 1960s in Native America	3
AMST 341	Digital Native America	3
AMST 510	Federal Indian Law and Policy	3
AMST 511	American Indians and American Law	3
AMST/ANTH 203	Approaches to American Indian Studies <sup>1</sup>	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3
AMST/HIST 231	Native American History: The East	3
AMST/HIST 233	Native American History: The West	3
AMST/HIST 235	Native America in the 20th Century	3
HIST 142	Latin America under Colonial Rule	3
HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3
HIST 526	History of the Andes	3
HIST 527	Latin American Indigenous Peoples	3
HIST 529	Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation	3
HIST/WGST 576	The Ethnohistory of Native American Women	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Strongly encouraged, though not required.

## Law and Social Science

Code	Title	Hours
AMST 510	Federal Indian Law and Policy	3
AMST 511	American Indians and American Law	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3
FOLK/ANTH 230	Native American Cultures	3
ANTH 121	Ancient Cities of the Americas	3
ANTH 206	American Indian Societies	3
ANTH 231	Archaeology of South America	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 250	Archaeology of North America <sup>H</sup>	3
ANTH 252	Archaeology of Food	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ANTH 550	Archaeology of the American South	3
RELI 448	Native and Christian: Indigenous Engagements with Christianity	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Language and Expressive Culture

Code	Title	Hours
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3



AMST 336	Native Americans in Film	3
AMST 338	Native American Novel	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
ANTH 406	Native Writers	3
ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
ARTH 469	Art of the Aztec Empire	3
CHER 101	Elementary Cherokee Language I	3
CHER 102	Elementary Cherokee Language II	3
CHER 203	Intermediate Cherokee Language I	3
CHER 204	Intermediate Cherokee Language II	3
LING 558	Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
MAYA 401	Introduction to Yucatec Maya	3
SPAN 344	Latin@ American Cultural Topics	3
SPAN 374	Mesoamerica through Its Native Literatures	3
SPAN 625	Indigenous Literatures and Cultures of the Américas	3
SPAN 683	Guaraní Linguistics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See program page here (p. 149) for special opportunities.

## Folklore Minor

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

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#### Gabrielle Berlinger, Director of Undergraduate Studies

amstdus@unc.edu

The Department of American Studies is one of the longest-standing interdisciplinary programs at UNC–Chapel Hill, with roots in the study of folklore and the American South going back to the 1920s.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.–Folklore Concentration (p. 151)
- American Studies Major, B.A.–Global American Studies Concentration (p. 154)

- American Studies Major, B.A.–Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)
- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of five courses. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
FOLK/ANTH/ ENGL 202	Introduction to Folklore	3
Three core content courses from the list below <sup>1</sup>		9
One ethnographic-intensive course from the list below <sup>1</sup>		3
Total Hours		15

<sup>1</sup> Courses listed more than once can be counted for only one category.

### Core Content Courses

Code	Title	Hours
AMST 283	American Home	3
AMST 284	Visual Culture	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 350	Main Street Carolina: A Cultural History of North Carolina Downtowns <sup>H</sup>	3
AMST 475	Documenting Communities <sup>H</sup>	3
AMST 482	Images of the American Landscape	3
AMST 485	Folk, Self-Taught, Vernacular, and Outsider Arts	3
AMST 489	Writing Material Culture	3
AMST/FOLK 375	Food and American Studies: Cooking Up a Storm	3

AMST/HIST 671	Introduction to Public History	3	ANTH 625	Ethnography and Life Stories	3
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South	3	WGST 230	Women in Contemporary Art: A Field Study	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	3	H	Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.	
FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3	AMST 396, FOLK 490, or FOLK 690	may be counted if appropriate with permission of the director of undergraduate studies.	
FOLK 490	Topics in Folklore	3	Many of these courses	fulfill the experiential education component of the General Education requirements.	
FOLK 550	Introduction to Material Culture	3	See program page here (p. 149)	for special opportunities.	
FOLK 560	Southern Literature and the Oral Tradition	3	<b>Global American Studies Minor</b>		
FOLK 690	Studies In Folklore	3	<b>Contact Information</b>		
FOLK/AAAD 480	Vernacular Traditions in African American Music	4	<b>Department of American Studies</b>		
FOLK/ANTH 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3	Visit Program Website ( <a href="http://amerstud.unc.edu">http://amerstud.unc.edu</a> )		
FOLK/ANTH 340	Southern Styles, Southern Cultures	4	204 Greenlaw Hall, CB# 3520		
FOLK 424	Ritual, Festival, and Public Culture	3	(919) 962-5481		
FOLK/ANTH 675	Ethnographic Method	3	<b>Elizabeth Engelhardt, Chair</b>		
FOLK/ANTH/ LING 484	Discourse and Dialogue in Ethnographic Research	3	<b>Gabrielle Berlinger, Director of Undergraduate Studies</b>		
FOLK/ANTH 537/ WGST 438	Gender and Performance: Constituting Identity	3	amstdus@unc.edu		
FOLK/COMM/ HIST/WGST 562	Oral History and Performance <sup>H</sup>	3	Global American studies focuses on the study of American culture in an international context through both courses on national identity and globalization at UNC–Chapel Hill and coursework on America in partner study abroad programs. The experience of being an American abroad is critical to developing the comparative analysis as students see both how the world views America intellectually, but also experimentally.		
FOLK/ENGL 310	Fairy Tales	3	<b>Department Programs</b>		
FOLK/ENGL 487	Everyday Stories: Personal Narrative and Legend	3	<b>Majors</b>		
FOLK/HIST 571	Southern Music	3	<ul style="list-style-type: none"> <li>American Studies Major, B.A. (p. 143)</li> <li>American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 149)</li> <li>American Studies Major, B.A.–Folklore Concentration (p. 151)</li> <li>American Studies Major, B.A.–Global American Studies Concentration (p. 154)</li> <li>American Studies Major, B.A.–Southern Studies Concentration (p. 156)</li> </ul>		
FOLK/HIST 670	Introduction to Oral History	3	<b>Minors</b>		
FOLK/JWST 481	The Changing Lives of Jewish Objects	3	<ul style="list-style-type: none"> <li>American Studies Minor (p. 159)</li> <li>American Indian and Indigenous Studies Minor (p. 159)</li> <li>Folklore Minor (p. 161)</li> <li>Global American Studies Minor (p. 162)</li> <li>Southern Studies Minor (p. 164)</li> </ul>		
FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3	<b>Graduate Programs</b>		
ANTH 356	Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>H</sup>	3	<ul style="list-style-type: none"> <li>Ph.D. in American Studies (<a href="http://catalog.unc.edu/graduate/schools-departments/american-studies">http://catalog.unc.edu/graduate/schools-departments/american-studies</a>)</li> <li>M.A. in Folklore (<a href="http://catalog.unc.edu/graduate/schools-departments/american-studies">http://catalog.unc.edu/graduate/schools-departments/american-studies</a>)</li> </ul>		
ANTH 454	The Archaeology of African Diasporas	3			
MUSC 144	Introduction to Country Music	3			
MUSC 291	Music and Politics	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Ethnographic-Intensive Course

Code	Title	Hours
AMST 475	Documenting Communities <sup>H</sup>	3
AMST 482	Images of the American Landscape	3
FOLK 476	Graffiti, Gods, and Gardens: Urban Folklore	3
FOLK 550	Introduction to Material Culture	3
FOLK/AAAD 480	Vernacular Traditions in African American Music	4
FOLK/ANTH 424	Ritual, Festival, and Public Culture	3
FOLK/ANTH 675	Ethnographic Method	3
FOLK/ANTH/ LING 484	Discourse and Dialogue in Ethnographic Research	3
FOLK/ENGL 487	Everyday Stories: Personal Narrative and Legend	3
FOLK/JWST 481	The Changing Lives of Jewish Objects	3
FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography	3
ANTH 477	Visual Anthropology	3

- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in global American studies consists of five courses. Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
Introduction (one of the following):		3
AMST 101	The Emergence of Modern America	
AMST 102	Myth and History in American Memory	
AMST 201	Literary Approaches to American Studies	
AMST 202	Historical Approaches to American Studies	
AMST 334	Defining America I <sup>H</sup>	
AMST 335	Defining America II <sup>H</sup>	
America in the World (at least one from the list below)		3-9
The World in America (at least one from the list below)		3-9
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Students may elect to complete up to two approved American culture courses taken at an American studies international partner institution or other UNC-approved study abroad program. These courses should deal primarily with the United States, or with the interaction between American culture and one or more other cultures, or with the impact within the United States of other cultures. Courses must be approved by the director of undergraduate studies prior to beginning the study abroad experience.

If fewer than two courses are taken abroad, the student should increase the number of courses from the America in the World and The World in America lists above, to reach a total of five courses in the minor.

## America in the World

Code	Title	Hours
AMST 259	Tobacco and America	3
AMST 277	Globalization and National Identity <sup>H</sup>	3
AMST 378	Nation Building and National Identity in Australia and the United States <sup>H</sup>	3
AMST 387	Race and Empire in 20th-Century American Intellectual History	3
CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3

GSL 280	The Dialectic of Whiteness and Blackness in Atlantic Cultures	3
HIST 212	History of Sea Power	3
HIST 213	Air Power and Modern Warfare	3
HIST 242	United States-Latin American Relations	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3
HIST 373	The United States in World War II	3
HIST 570	The Vietnam War	3
HIST 577	United States Foreign Relations in the 20th Century	3
HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HIST/PWAD 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST/PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3
ITAL 339	US-Italian Encounters: War, Tourism, Myth	3
POLI 231	Latin America and the United States in World Politics	3
POLI 443	American Foreign Policy: Formulation and Conduct	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## The World in America

Code	Title	Hours
AMST 258	Captivity and American Cultural Definition	3
AMST 685	Literature of the Americas	3
AAAD 278	Black Caribbeans in the United States	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 340	Diaspora Art and Cultural Politics	3
AAAD 385	Emancipation in the New World	3
AAAD 485	Transnational Black Feminist Thought and Practice	3
AAAD 486/ ARTH 453	Africa in the American Imagination <sup>H</sup>	3
ASIA 350	The Asian American Experience	3
EDUC 510	Mexican American and Chicana/o Experience in Education	3
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ENGL 361	Asian American Women's Writing	3
ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
ENGL 365	Migration and Globalization <sup>H</sup>	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
HIST 271	Premodern Japanese History and Culture	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST/WGST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3

PLCY 349	Immigration Policy in the 21st Century	3
PLCY 455	9/11 and Its Aftermath	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
RELI 345	Black Atlantic Religions <sup>H</sup>	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 445	Asian Religions in America	3
RELI 580	African American Islam	3
SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	Introduction to Latina Literature	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 149) for special opportunities.

## Southern Studies Minor

### Contact Information

#### Department of American Studies

Visit Program Website (<http://amerstud.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

Elizabeth Engelhardt, Chair

Gabrielle Berlinger, Director of Undergraduate Studies

[amstdus@unc.edu](mailto:amstdus@unc.edu)

Southern studies focuses critical attention on the history, society, culture, and expression of the American South with its regional, state, and local distinctiveness. The curriculum allows students to examine the American South from many disciplinary perspectives, including anthropology, art, architecture, communication studies, cultural tourism, ecology, environment, folklore, foodways, geography, history, journalism, language, law, literature, material culture, myth and manners, music, oral history, politics, public health, religion, values, and more.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 143)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 149)
- American Studies Major, B.A.—Folklore Concentration (p. 151)
- American Studies Major, B.A.—Global American Studies Concentration (p. 154)
- American Studies Major, B.A.—Southern Studies Concentration (p. 156)

### Minors

- American Studies Minor (p. 159)
- American Indian and Indigenous Studies Minor (p. 159)
- Folklore Minor (p. 161)
- Global American Studies Minor (p. 162)

- Southern Studies Minor (p. 164)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC—Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Students may minor in Southern studies by completing five courses.

Courses listed more than once can be counted for only one category. At least one course must be at the 300 level or above.

Code	Title	Hours
<b>Core Requirements</b>		
AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3
or AMST 211	Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	
Four other courses from the core content and thematic offerings listed under the Southern studies concentration		12
<b>Total Hours</b>		<b>15</b>

Courses from the core content and thematic offerings are listed under the Southern studies B.A. concentration (p. 156).

See the program page here (p. 149) for special opportunities.

# DEPARTMENT OF ANTHROPOLOGY

## Contact Information

### Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)  
301 Alumni Building, CB#3115  
(919) 962-1243

### Patricia McAnany, Chair

### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

## Introduction

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. We support studies, research, and professional applications in these areas with three programs of foundational training: archaeology; human biology, ecology, and evolution; and sociocultural anthropology.

Cutting across these specializations, the department supports concentrations that integrate anthropology's diverse expertise to address contemporary world problems. Programming in these areas helps students connect their anthropological studies to work and life beyond the University. Current concentrations focus on health, medicine, and humanity; heritage and unwritten histories; global engagement; race, place and power; and food, environment, and sustainability.

Together, the Department of Anthropology's programs and concentrations offer the undergraduate student one of the best introductions possible to our biological and cultural pasts and to our contemporary world. Anthropology majors thus develop the written and oral skills needed to live and work in a complex world marked by an accelerated rate of environmental, social, and cultural change. Anthropology majors acquire general knowledge and skills valued within a large number of occupations and professions, including but not limited to professional anthropology.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester.

The department's director of undergraduate studies (see "Contact Information" above) works with current and prospective majors and minors by appointment. Students are encouraged to consult with the director of undergraduate studies about course choices and field work opportunities. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, and the honors program may be obtained from the department's Web site.

## Graduate School and Career Opportunities

There are three basic career paths for B.A.-level anthropology majors:

- Anthropology majors have open to them all of the career options of any student with a bachelor of arts degree in the liberal arts and social sciences, with the added advantage that they surely are more prepared than most in the growing international arena of business, government, and nongovernmental organizations (NGOs). The resources and professional staff of University Career Services and the department's director of undergraduate studies can provide guidance.
- Anthropology majors can seek a career that puts their anthropology degree directly into practice.
- Lastly, anthropology majors can continue with graduate education in order to seek a career in education, either as a social studies teacher in a school or a professor in a university. See *Careers in Academic Anthropology—Graduate School Route* (<http://anthropology.unc.edu/undergraduate-program/career-tracks>).

### Major

- Anthropology Major, B.A. (p. 181)

### Minors

- General Anthropology Minor (p. 183)
- Heritage and Global Engagement Minor (p. 183)
- Medical Anthropology Minor (p. 185)

### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology>)

## Professors

Florence Babb, Rudi Colloredo-Mansfeld, Dale L. Hutchinson, Paul W. Leslie, Patricia A. McAnany, Donald M. Nonini, Peter Redfield, C. Margaret Scarry, Vincas P. Steponaitis, Silvia Tomášková.

## Associate Professors

Anna Agbe-Davies, Benjamin Arbuckle, Brian Billman, Jocelyn Chua, Glenn D. Hinson, Valerie Lambert, Christopher T. Nelson, Charles R. Price, Michele Rivkin-Fish, Karla Slocum, Mark Sorensen, Amanda Thompson, Colin T. West, Margaret J. Wiener.

## Assistant Professors

Christopher T. Middleton, Angela Stuesse.

## Research Associate Professors

William H. Jansen II, Scott L.H. Madry.

## Adjunct Professors

Jonathan Boyarin, R.P. Stephen Davis, Sue E. Estroff, Richard G. Fox, Lawrence Grossberg, John Pickles, Debra G. Skinner.

## Adjunct Associate Professors

Lorraine V. Aragon, Marisol de la Cadena, Kia Caldwell, Michael C. Lambert, Heather A. Lapham, Lauren Leve, Barry F. Saunders, Patricia Sawin, John F. Scarry, Philip W. Setel.



## Adjunct Assistant Professors

Hannah Gill, Flora Lu, Todd Ramon Ochoa, Karaleah Reichart, Beverly A. Sizemore, Sandy Smith-Nonini, Laurie C. Steponaitis.

## Professors Emeriti

Carole L. Crumley, Robert E. Daniels, Arturo Escobar, Terence M.S. Evens, Dorothy C. Holland, Norris B. Johnson, James L. Peacock.

## ANTH–Anthropology

The basic division in undergraduate anthropology courses is between lower-division courses numbered below 300 and upper-division courses numbered between 300 and 699. Sophomores should not hesitate to take courses numbered 300 to 699 because of fears of their difficulty but may wish to consult the instructor before enrolling.

### Undergraduate-level Courses

#### ANTH 50. First-Year Seminar: Skeletons in the Closet. 3 Credits.

In this first-year seminar, students explore the use of the human skeleton to modern behavioral and biological investigations, focusing on observations that are used as evidence to prove or disprove hypotheses.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 51. First-Year Seminar: Environmentalism and American Society. 3 Credits.

This first-year seminar examines United States environmentalism and its relationship to power and privilege, consumer desire, and attachment to place. Students conduct original group research on the environmental movement.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 52. First-Year Seminar: Asian Cultures, Asian Cities, Asian Modernities. 3 Credits.

Introduction to the processes of cultural productions and the making of social diversity in large Southeast Asian cities, as they have experienced modernity and globalization during the last 30 years.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 53. First-Year Seminar: Darwin's Dangerous Idea. 3 Credits.

Exploration of how natural selection works, how it has been used and misused for understanding human nature, health and disease, aging, social behavior, how we choose mates, and more.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 53H. First-Year Seminar: Darwin's Dangerous Idea. 3 Credits.

Exploration of how natural selection works, how it has been used and misused for understanding human nature, health and disease, aging, social behavior, how we choose mates, and more.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 54. First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800. 3 Credits.

This course uses archaeological and historical scholarship to consider the histories of the Southern Indians from the Mississippian period to the end of the 18th century.

**Gen Ed:** HS, US, WB.

**Grading status:** Letter grade

**Same as:** AMST 54.

#### ANTH 56. First-Year Seminar: The Art of Healing, the Culture of Curing. 3 Credits.

This seminar focuses on cross-cultural healing beliefs and practices and on how social, economic, political, and ethical aspects of our lives relate to health and healing

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 57. First-Year Seminar: Today in Africa. 3 Credits.

Examination of the daily news as reported online by African newspapers, the BBC, etc. Readings and class discussions of ethnographic and historical background. Student projects based on following major stories

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### ANTH 59. First-Year Seminar: The Right to Childhood: Global Efforts and Challenges. 3 Credits.

Do children have special needs and rights? This seminar will answer this question.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

#### ANTH 60. First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies. 3 Credits.

Adopting a long view of human societies, students examine responses to crises engendered by political, economic, and environmental factors. Perspectives on societal change - apocalyptic, transformational, and resilient - undergo scrutiny.

**Gen Ed:** HS, BN, CI.

**Grading status:** Letter grade.

#### ANTH 60H. First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies. 3 Credits.

Adopting a long view of human societies, students examine responses to crises engendered by political, economic, and environmental factors. Perspectives on societal change - apocalyptic, transformational, and resilient - undergo scrutiny.

**Gen Ed:** HS, BN, CI.

**Grading status:** Letter grade.

#### ANTH 61. First-Year Seminar: Deep Economies. 3 Credits.

Using cultural case studies, the course examines how communities organize an economy to promote local well-being. Readings emphasize cross-cultural problems of status, trust, property, exchange and political authority.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

#### ANTH 62. First-Year Seminar: Indian Country Today. 3 Credits.

This course examines current topics in American Indian country today through the use of films and interactive case studies.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

#### ANTH 63. First-Year Seminar: The Lives of Others: Exploring Ethnography. 3 Credits.

Can we truly access, understand, and represent the lives of others? In this class, students take on these questions by taking up the practice of ethnography, a research method consisting of entering into a community, interacting with its members, observing social life, asking questions, and writing about these experiences.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 64. First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis. 3 Credits.**

In the early 20th century millions of African Americans migrated to large northern cities. The Phyllis Wheatley Home for Girls was run by black women to provide social services for female migrants to Chicago starting in 1926. The course combines elements of archaeology, anthropology, and history to study their lives.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**ANTH 65. First-Year Seminar: Humans and Animals: Anthropological Perspectives. 3 Credits.**

In this course we explore the complex relationships between people and animals cross-culturally and through time. Taking both anthropological and archaeological perspectives we address a wide range of topics, including the origins and uses of domestic animals, the history of dogs and cats, animal symbolism, hunting, and animal rights.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 66H. First-Year Seminar: Saving the World? Humanitarianism in Action. 3 Credits.**

In this seminar we will explore international aid, with an emphasis on its medical end and the set of organizations and institutions that exist to offer assistance to people suffering from disaster, endemic poverty, and health disparities.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 67. First-Year Seminar: Blackness and Racialization: A Multidimensional Approach. 3 Credits.**

This seminar is an introduction to the history, social construction, cultural production, and lived experience of race in the United States and Jamaica (for comparison). The seminar will utilize historical, theoretical, ethnographic, and popular culture content to explain the effects, uses, durability, and pliability of racial formations.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**ANTH 77. First-Year Seminar: Windows of Mystery and Wonder: Exploring Self-Taught Art. 3 Credits.**

Folk, outsider, visionary: these terms invoke artistry that unfolds outside of mainstream artistic traditions. This seminar explores these worlds of self-taught art, addressing issues of inspiration, authenticity, and cultural (mis)representation.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ANTH 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course; content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course; content will vary each semester.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 92. UNITAS. 3 Credits.**

Fall component of a two-semester course. A seminar that explores issues of social and cultural diversity. Students must be residents of UNITAS residence hall.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**ANTH 93. UNITAS. 3 Credits.**

Spring component of a two-semester course. Students engage in service learning through APPLES and produce a final product that thoughtfully reflects on their experience. Students must be residents of UNITAS residence hall.

**Requisites:** Prerequisite, ANTH 92; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS, EE- Service Learning, US.

**Grading status:** Letter grade.

**ANTH 101. General Anthropology. 3 Credits.**

An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 101H. General Anthropology. 3 Credits.**

An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 102. Introduction to Cultural Anthropology. 3 Credits.**

An introduction to non-Western cultures studied by anthropologists. Includes an in-depth focus on the cultural and social systems of several groups.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**ANTH 103. Anthropology of Globalization. 3 Credits.**

The study of different approaches to globalization and of inequalities in power between nation-states, ethnic groups, classes, and locales experiencing globalization. Uses ethnographic materials to examine effects of transnational migrations and other processes of globalization.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 120. Anthropology through Expressive Cultures. 3 Credits.**

Introduction to cultural analysis and the anthropological point of view through analytic and interpretive readings of films, fiction, and ethnography. Emphasis on social conditions and native points of view.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 121. Ancient Cities of the Americas. 3 Credits.**

An introduction to archaeology through the study of towns and cities built by the ancient peoples of the Americas. The focus is on historical processes by which these centers arose.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**ANTH 123. Habitat and Humanity. 3 Credits.**

Cross-cultural survey of building and landscape architecture, including prehistoric dwellings and sacred structures such as shrines and temples. Emphasis on architecture as symbolic form and cultural meaning.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ANTH 125. Canine Cultures. 3 Credits.**

Introduces anthropology through human-dog relations across time and space. Theories about domestication; canine versus primate cognition and perception; working and service dogs; street dogs; the development and global spread of breeds; impact of human values and politics on dog lives around the world.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 130. Anthropology of the Caribbean. 3 Credits.**

Theories and examples of how Caribbean people live, act, and see themselves within various cultural, social, economic, and political contexts across time. Attention to North American views of the Caribbean.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** FOLK 130.

**ANTH 138. Linguistic Anthropology. 3 Credits.**

An introduction to linguistic anthropology and anthropological linguistics. The course approaches the complex interconnections between language, culture, and cognition; theoretical approaches employed during the past century (structuralism, functionalism, ethnohistory, universalism, linguistic relativity); common case studies (spatial language, colors, classifiers, deixis); verbal art (orality, literacy), linguistic ideology; and ethnolinguistic vitality.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** LING 138.

**ANTH 139. Ecological Anthropology. 3 Credits.**

Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists, and agriculturalists. Approaches include optimal foraging theory, political ecology, and subsistence risk.

**Grading status:** Letter grade.

**ANTH 142. Local Cultures, Global Forces. 3 Credits.**

Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**ANTH 142H. Local Cultures, Global Forces. 3 Credits.**

Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**ANTH 143. Human Evolution and Adaptation. 3 Credits.**

Evolutionary and ecological approach to understanding the human species' past and contemporary human variation. Emphasis on evolutionary processes, biological adaptation, and biocultural interactions with diverse environments.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 144. Archaeology and the Media. 3 Credits.**

This class will examine how archaeology is represented in the media. This will include the characterization of archaeology and archaeologists in film and written fiction. This course will also examine the dissemination of archaeological findings through fact based presentations such as television documentaries and material published for the general public's consumption.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 145. Introduction to World Prehistory. 3 Credits.**

Introduction to world prehistory and archaeological methods. Examines the development of human society from the emergence of modern human beings 100,000 years ago through the formation of ancient civilizations.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 146. The Nature of Moral Consciousness: A Course in General Anthropology. 3 Credits.**

An introductory course in general anthropology focusing on the development of moral consciousness. Western and non-Western patterns of thought and culture are compared and contrasted. The course has a strongly philosophical orientation.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**ANTH 147. Comparative Healing Systems. 3 Credits.**

In this course we compare a variety of healing beliefs and practices so that students may gain a better understanding of their own society, culture, and medical system.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 148. Human Origins. 3 Credits.**

Study of human evolution. Focus on the fossil record of humans and human-like ancestors. Topics include communication, aggression, dietary adaptations, locomotion, major anatomical changes, and behavioral shifts in an evolutionary framework.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 149. Great Discoveries in Archaeology. 3 Credits.**

This course provides students with a detailed look at some of the most significant archaeological discoveries from around the world, including Neanderthals, Stonehenge, and the Egyptian pyramids.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 151. Anthropological Perspectives on Food and Culture. 3 Credits.**

Anthropological perspectives on foodways. This course examines the biological basis of human diets as well as the historical and cultural contexts of food production, preparation, presentation, and consumption.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 175. Introduction to Food Studies: From Science to Society. 3 Credits.**

Introduction to food studies covering a variety of topics including how food was consumed over history, land use and aquaculture, food in the arts, food and culture in the American South, food politics, and nutrition science.

**Gen Ed:** GL, NA.

**Grading status:** Letter grade

**Same as:** NUTR 175, AMST 175.

**ANTH 190. Special Topics in Anthropology I. 1-4 Credits.**

Examines selected topics from an anthropological perspective. Course description is available from the departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 191. Peoples of Siberia. 3 Credits.**

Comparative study of the cultural and biological diversity of peoples of Siberia from prehistoric through contemporary times. Course topics include the biological diversity, culture, behavior, and history of Siberian populations.

**Grading status:** Letter grade

**Same as:** ENEC 191.

**ANTH 194. Anthropology and Community Development. 3 Credits.**

The course examines ethnographic, theoretical, practical, and policy approaches to community development and community organizations in America and the English-speaking Caribbean. Students can work with a local community organization.

**Gen Ed:** US.

**Grading status:** Letter grade.

**ANTH 195. Research in Anthropology I. 1-3 Credits.**

Permission of the instructor. Data collection, analysis, and interpretation for independent research project.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 196. Independent Reading or Study in Anthropology I. 1-3 Credits.**

Permission of the instructor. Reading and study under a faculty member whose interests coincide with those of the individual student.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ANTH 198H. First Year Honors in Anthropology II. 3 Credits.**

Open to honors candidates. Permission of the instructor is required.

Reading or study under a faculty member whose interests coincide with those of the individual student.

**Grading status:** Letter grade.

**ANTH 202. Introduction to Folklore. 3 Credits.**

An introduction to the study of creativity and aesthetic expression in everyday life, considering both traditional genres and contemporary innovations in the material, verbal, and musical arts.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** ENGL 202, FOLK 202.

**ANTH 203. Approaches to American Indian Studies. 3 Credits.**

Introduces students to the disciplines comprising American Indian studies and teaches them how to integrate disciplines for a more complete understanding of the experiences of American Indian peoples.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** AMST 203.

**ANTH 206. American Indian Societies. 3 Credits.**

Explores the tremendous diversity that exists within and across American Indian nations, together with the concerns, issues, and challenges that shape the futures American Indians are charting for themselves.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**ANTH 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GLBL 210, GEOG 210, HIST 210, POLI 210.

**ANTH 217. Human Biology in Comparative Perspective. 3 Credits.**

Students explore the biological and biocultural factors that shape human biology and health from the cellular to the societal levels. This course compares human biology, health, and development across a range of international settings. Students have the opportunity to analyze current research in human biology and conduct independent research.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 220. Principles of Archaeology. 3 Credits.**

Introduction to method and theory in archaeology. An examination of how archaeologists make inferences about past societies, including reconstruction of culture histories; lifeways; ideologies; and social, political, and economic relationships.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 222. Prehistoric Art. 3 Credits.**

A survey of prehistoric art in Africa, the Americas, Australia, and Europe.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** WGST 222.

**ANTH 226. The Peoples of Africa. 3 Credits.**

Introductory ethnographic survey emphasizing 1) diversity of kinship systems, economies, polities, religious beliefs, etc.; 2) transformations during the colonial era; and 3) political and economic challenges of independent nations. Lectures, films, recitation.

**Grading status:** Letter grade.

**ANTH 230. Native American Cultures. 3 Credits.**

Broad survey of contemporary American Indian societies and cultures in the United States. Explores socio-cultural and historical diversity of tribes through film, autobiography, literature, current issues, guest speakers, archaeology, and history.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** FOLK 230.

**ANTH 231. Archaeology of South America. 3 Credits.**

An examination of the prehistory of Andean South America (Ecuador, Peru, and Bolivia) from first colonization 12,000 years ago to the fall of the Inca Empire in 1532 CE.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**ANTH 232. Ancestral Maya Civilizations. 3 Credits.**

Maya civilization is prominent among American societies that flourish prior to European incursions. Archaeological, epigraphic, and historical materials provide the foundation for understanding this past and its romance allure.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**ANTH 232H. Ancestral Maya Civilizations. 3 Credits.**

Maya civilization is prominent among American societies that flourish prior to European incursions. Archaeological, epigraphic, and historical materials provide the foundation for understanding this past and its romance allure.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**ANTH 233. Prehistory of Southwest Asia and Egypt: From the Earliest Humans to the Rise of Civilization. 3 Credits.**

This course surveys the archaeology of the Middle East focusing on major milestones in human history, including the initial expansion of humans out of Africa, human-Neanderthal interactions, the development of agriculture, and the rise of the world's first states and empires.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**ANTH 234. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 234, AMST 234.

**ANTH 234H. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 234H, AMST 234H.

**ANTH 237. Food, Environment, and Sustainability. 3 Credits.**

Explores the nexus of agricultural, ecological, and food systems as they dynamically interact. The class examines case studies from North Carolina and other parts of the world. Themes include nutrition, food security, agroecology, and sustainable livelihoods. Students engage in readings, class projects, and hands-on activities in a laboratory setting.

**Grading status:** Letter grade

**Same as:** ENEC 237.

**ANTH 238. Human Ecology of Africa. 3 Credits.**

Course examines human adaptations to environments across Africa. Focuses on livelihood systems such as farming, herding and hunting/gathering.

**Grading status:** Letter grade

**Same as:** ENEC 238.

**ANTH 240. Action Research. 3 Credits.**

Action research is a strategy for answering important questions, solving problems, and generating meaningful and democratic relationships. Through this course you will learn action research from an anthropological perspective through readings, essays, discussion, and hands-on experience. APPLER leadership and service students have seating priority.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade.

**ANTH 248. Anthropology and Public Interest. 3 Credits.**

Explores how anthropologists can impact or participate in policy debates regarding contemporary social problems. Involves professional and internship options in public service fields. APPLER service-learning course.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade.

**ANTH 250. Archaeology of North America. 3 Credits.**

The history of North American Indian cultures from 10,000 BCE to the time of the European colonization as reconstructed by archaeological research. Special emphasis on the eastern and southwestern United States.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 250H. Archaeology of North America. 3 Credits.**

The history of North American Indian cultures from 10,000 BCE to the time of the European colonization as reconstructed by archaeological research. Special emphasis on the eastern and southwestern United States.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 252. Archaeology of Food. 3 Credits.**

Examines how people in the past acquired, distributed, prepared, presented, consumed, and thought about food. Considers the questions that archaeologists ask, the data and methods they use to answer those questions, and how the study of food contributes to understanding people in the distant and recent past.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 259. Culture and Identity. 3 Credits.**

Introduces anthropological approaches to identity. Explores the relationship of identity, cultural contexts, and social life. Emphasizes contemporary global cultural interchange and visual media as tools of self-expression.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 270. Living Medicine. 3 Credits.**

This course examines the social and cultural experience of medicine, the interpersonal and personal aspects of healing and being healed. It explores how medicine shapes and is shaped by those who inhabit this vital arena of human interaction: physicians, nurses, other professionals and administrators; patients; families; friends and advocates.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 272. Healing in Ethnography and Literature. 3 Credits.**

This course brings together literary and ethnographic methods to explore narratives of illness, suffering, and healing, and medicine's roles in these processes. Themes include illness narratives, outbreak narratives, collective memory and healing from social trauma, and healers' memoirs.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ENGL 264.

**ANTH 277. Gender and Culture. 3 Credits.**

Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 277.



**ANTH 278. Women in Science. 3 Credits.**

The role of women in scientific domains throughout history and a consideration of the status of women and men as scientists. The development of science as a cultural practice.

**Gen Ed:** HS, CI, EE- Mentored Research.

**Grading status:** Letter grade

**Same as:** WGST 278.

**ANTH 280. Anthropology of War and Peace. 3 Credits.**

Cross-cultural perspectives on war in its relation to society, including Western and non-Western examples. Surveys political, economic, and cultural approaches to warfare and peacemaking.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 280.

**ANTH 284. Culture and Consumption. 3 Credits.**

A cross-cultural look at gift giving, commodities, and status symbols. Course explores branded commodities, materialism as a factor in cultural change, global consumer culture, and local alternatives.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**ANTH 290. Special Topic in Anthropology II. 3 Credits.**

Examines selected topics from an anthropological perspective. Course description is available from the departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 290H. Special Topic in Anthropology II. 3 Credits.**

Examines selected topics from an anthropological perspective. Course description is available from the departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 291. Archaeological Theory and Practice. 3 Credits.**

A review of historical and theoretical developments that have framed archaeological research, including a discussion of substantive changes in research questions, topics, methods, and analyses that reshaped the field. Course will place American archaeology in a wider international context.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 294. Anthropological Perspectives on Society and Culture. 3 Credits.**

Restricted to anthropology majors. Examines major theoretical perspectives that anthropologists have used to explain cultural diversity, social organization, and relations among societies. The class will offer a historical look at how anthropology developed its commitment to holism and ethnography and how contemporary debates have reshaped the field.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 295. Research in Anthropology II. 1-3 Credits.**

Permission of the instructor. Data collection, analysis, and interpretation for independent research project.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 296. Independent Reading or Study in Anthropology II. 1-3 Credits.**

Permission of the instructor. Reading or study under a faculty member whose interests coincide with those of the individual student.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 297. Directions in Anthropology. 3 Credits.**

Open only to and required of anthropology majors in their junior or senior year. Historical and contemporary issues and directions in the discipline as reflected in various concepts, theories, and research strategies.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 297H. Directions in Anthropology. 3 Credits.**

Open only to and required of anthropology majors in their junior or senior year. Historical and contemporary issues and directions in the discipline as reflected in various concepts, theories, and research strategies.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 298. Biological Anthropology Theory and Practice. 3 Credits.**

Biological anthropology theory and practice, including human natural history, human genetics, epigenetics, and evolution; primatology; paleoanthropology; human biological variation; human biology and ecology; natural selection and adaptation in human evolution; and evolutionary, ecological, and biocultural perspectives on health and disease.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 302. Language and Power. 3 Credits.**

This course provides an overview of language and power studies. Issues: sexist and sex-neutral language; languages of subcultures defined by gender, sexual orientation, ethnicity; hate speech; "politically correct" language.

**Grading status:** Letter grade

**Same as:** LING 302, WGST 302.

**ANTH 303. Native Languages of the Americas. 3 Credits.**

This course is an introduction to languages indigenous to the Americas. The course touches on the linguistic structure and classification of Native American languages as well as on social issues.

**Grading status:** Letter grade

**Same as:** LING 303.

**ANTH 306. Water and Inequality: Anthropological Perspectives. 3 Credits.**

This course aims to foster an appreciation of the tremendous role of water in shaping human experience, including the ways water shapes where people live, constrains what they do, and plays a major role in the institutionalization of social, political, and economic inequalities. No prerequisites or permissions.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**ANTH 312. From the Equator to the Poles: Case Studies in Global Environmental Change. 3 Credits.**

Case studies in environmental change, highlighting human and environmental dynamics in terrestrial and marine ecosystems on multiple spatial and temporal scales. Includes active learning modules, group presentations, writing assignments.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 315. Human Genetics and Evolution. 3 Credits.**

Interaction of heredity, environment, and culture in shaping human biological diversity and behavior, and what such patterns of diversity reveal about our evolutionary past.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 317. Evolutionary Perspectives on Human Adaptation and Behavior. 3 Credits.**

Critical, partially historical discussion of evolutionary theories, including Darwinism, neo-Darwinism, ethnology and sociobiology, and their social-science analogs. Focus on the relevance and limitations of these theories for anthropology.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 318. Human Growth and Development. 3 Credits.**

Comparative study of human growth and development from conception through adulthood. Special emphasis on evolutionary, biocultural, ecological, and social factors that influence growth.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 319. Global Health. 3 Credits.**

This class explores some of the historical, biological, economic, medical, and social issues surrounding globalization and health consequences.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 320. Anthropology of Development. 3 Credits.**

Critical exploration of current debates in the anthropology of Third World development, the production of global inequality, and the construction of parts of the world as underdeveloped through discourses and practices of development.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 323. Magic, Ritual, and Belief. 3 Credits.**

Permission of the instructor. Starting with the late 19th-century evolutionists, this course discusses, intensively, major anthropological theories of magico-religious thought and practice, then offers an approach of its own.

**Grading status:** Letter grade

**Same as:** FOLK 323.

**ANTH 325. Emotions and Society. 3 Credits.**

Survey of the interplay between emotional experience and social life. Emotions as learned, culturally variable, and socially performed perceptions, understandings, and actions.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 326. Practicing Medical Anthropology. 3 Credits.**

A workshop on careers in medical anthropology and the kinds of contributions that medical anthropologists make to health care professions. Students will learn skills including interviewing methods, writing for diverse audiences, blogging. Intended for medical anthropology minors and students interested in bringing anthropological perspectives to a range of practical contexts.

**Grading status:** Letter grade.

**ANTH 330. Melancholy Japan: Myth, Memory, and Everyday Life. 3 Credits.**

Ethnographic study of the profound social and cultural transformations that accompanied the capitalist modernization of Japan. Considers the emergence of native ethnology and state interventions into everyday life.

**Gen Ed:** SS, BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 330.

**ANTH 331. The Anthropology of Memory. 3 Credits.**

This course is a historical and ethnographic study of the problems of history, memory, and forgetting in contemporary society.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**ANTH 333. Anthropology of Democracy. 3 Credits.**

This course explores how anthropological perspectives might take understandings of democracy in new and unanticipated directions. Using examples from across the globe students will investigate the forces and impacts of democracy. Through hands-on assignments, students will implement a local research project related to the theme of democracy.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 334. Art, Nature, and Religion: Cross-Cultural Perspectives. 3 Credits.**

This cross-cultural study of art focuses on the forms, images, and meanings of paintings, drawings, and carvings produced by the Diyin Dine'é (Navajo), the Dogon (Mali, West Africa), and the Haida, Kwagiutl, Tlingit, and Tshimshian (northwest coast of North America).

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** FOLK 334.

**ANTH 340. Southern Styles, Southern Cultures. 4 Credits.**

A journey into hidden worlds of southern meaning, exploring the region from the experiential lens of African Americans and the South's indigenous peoples, as a way of rethinking the question, "What does it mean to be a Southerner?" Students will explore focused issues each semester through intensive, group-based field work projects.

**Gen Ed:** SS, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** FOLK 340.

**ANTH 342. African-American Religious Experience. 3 Credits.**

Permission of the instructor. An introduction to the diversity of African American beliefs, experiences, and expressions from the colonial era to the present. Exploration will be both historical and thematic.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** RELI 342, FOLK 342.

**ANTH 343. Africa and Masks. 3 Credits.**

Examines the production, circulation, and consumption of masks in both African and non-African contexts. Expands, nuances, and sometimes undoes our notions of mask, masquerade, and masking.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade

**Same as:** ARTH 353, AAAD 319.

**ANTH 347. Anthropology of Travel and Tourism. 3 Credits.**

This course considers anthropological approaches to travel and tourism in the contemporary world. We examine differences of race, class, gender, sexual orientation, and nationality in the experiences of travelers as well as of those who work in the service industries that accommodate travelers' needs--and the ways in which travel destinations are represented and marketed.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**ANTH 356. Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions. 3 Credits.**

An anthropological investigation of the role of skilled handiwork in the creation of contemporary culture and society. It includes field work with a local artisan. Ethnographies about artisan industries and apprenticeship in Latin America, Africa, and Southeast Asia guide our conceptual focus.

**Gen Ed:** VP, BN, EE- Field Work.

**Grading status:** Letter grade.

**ANTH 356H. Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions. 3 Credits.**

An anthropological investigation of the role of skilled handiwork in the creation of contemporary culture and society. It includes field work with a local artisan. Ethnographies about artisan industries and apprenticeship in Latin America, Africa, and Southeast Asia guide our conceptual focus.

**Gen Ed:** VP, BN, EE- Field Work.

**Grading status:** Letter grade.

**ANTH 360. Latin American Economy and Society. 3 Credits.**

Examines economic and cultural diversity of Latin America. Using case studies, class focuses on community social organization, work habits, family life and cosmologies, and the problem of inclusion in national cultures.

**Grading status:** Letter grade.

**ANTH 361. Community in India and South Asia. 3 Credits.**

This course offers an introduction to the peoples and current dynamics of South Asia by focusing on how communities are constituted and mobilized in India, Pakistan, Nepal, Sri Lanka, and Bangladesh. No prior knowledge of this world area is needed.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**ANTH 370. Southern Legacies: The Descendants Project. 4 Credits.**

In this Course-based Undergraduate Research Experience (CURE) class, students will explore the legacy of racial terrorism in North Carolina. Students will search archival sources to discover the family histories of lynching victims, tracing those families to the present, interviewing their descendants, and working with communities to build public awareness of -- and perhaps public memorials to -- the victims of racial violence.

**Gen Ed:** SS, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** FOLK 370.

**ANTH 375. Memory, Massacres, and Monuments in Southeast Asia. 3 Credits.**

The past in Southeast Asia's present, focusing on global, national, and local processes; individual and collective memory; and the legacies of violent death.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 375.

**ANTH 377. European Societies. 3 Credits.**

This course explores many cultural factors and diverse peoples, non-Greco-Roman as well as Greco-Roman, that have formed the European identity from the earliest human occupation of Europe to present.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**ANTH 380. Anthropological Perspectives on Cultural Diversity. 3 Credits.**

Introduction to theories of cultural and social difference. Encourages students to use social theory and ethnography to understand how various societies imagine and enact their cultural and political worlds.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 390. Special Topics in Medical Anthropology. 3 Credits.**

A rotating topics course related to any of the subject areas and methodological approaches in medical anthropology. Seminar format will enable students to engage closely with a faculty member on his or her area of research. Intended for medical anthropology minors with enrollment open to other students if space allows.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 393. Internship in Anthropology. 1-12 Credits.**

Permission of the instructor and the director of undergraduate studies.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ANTH 395. Research in Anthropology. 1-6 Credits.**

Permission of the instructor.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ANTH 395H. Research in Anthropology. 1-6 Credits.**

Permission of the instructor.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ANTH 396. Independent Reading or Study in Anthropology. 1-6 Credits.**

Permission of the instructor.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ANTH 396H. Independent Reading or Study in Anthropology. 1-6 Credits.**

Permission of the instructor.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ANTH 400. Introduction to General Linguistics. 3 Credits.**

An introduction to the scientific study of language. The nature of language structure. How languages are alike and how they differ.

**Grading status:** Letter grade

**Same as:** LING 400.

**ANTH 405. Mental Health, Psychiatry, and Culture. 3 Credits.**

This course explores mental illness as subjective experience, social process, key cultural symbol, and object of intervention and expert knowledge. Our questions include: Does mental illness vary across cultural and social settings? How do psychiatric ways of categorizing, diagnosing, and treating mental illness shape people's subjective experience of their affliction? How is psychiatry predicated on cultural ideas about self and society? What does this contingency mean for the movement for global mental health?

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 406. Native Writers. 3 Credits.**

Exploration of a broad selection of writings by native or indigenous scholars from tribal societies throughout the world. Seeks to understand the hopes, dreams, priorities, and perspectives of native peoples as expressed by and through their writers.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**ANTH 410. The Identification and Analysis of Historical Artifacts. 3 Credits.**

This is a hands-on lab class on the identification and analysis of ceramics, tobacco pipes, glassware, small finds, and personal objects produced or traded in Northern Europe and Eastern North America. Students will be instructed on how to identify, date, and analyze artifacts from the 17th century through the middle of the 20th century. In addition, topics such as function, technology, and socioeconomic status will be discussed.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**ANTH 411. Laboratory Methods in Archaeology. 3 Credits.**

An examination of the laboratory techniques used by archaeologists to analyze artifacts and organic remains, including the analysis of stone tools, pottery, botanical remains, and bone.

**Gen Ed:** SS, QI, WB.

**Grading status:** Letter grade.

**ANTH 411H. Laboratory Methods in Archaeology. 3 Credits.**

An examination of the laboratory techniques used by archaeologists to analyze artifacts and organic remains, including the analysis of stone tools, pottery, botanical remains, and bone.

**Gen Ed:** SS, QI, WB.

**Grading status:** Letter grade.

**ANTH 412. Paleoanthropology. 3 Credits.**

This course traces the evolution of humans and nonhuman primates—including behaviors, tools, and bodies of monkeys, apes, and human hunters and gatherers—evolutionary theory, and paleoanthropological methods.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 413. Laboratory Methods: Archaeobotany. 3 Credits.**

This course will focus on the analysis of plant remains from archaeological sites. Introduction to laboratory methods, analytical approaches, and interpretive framework for archaeobotany. Prior course in archaeology recommended but not required.

**Requisites:** Corequisite, ANTH 413L.

**Gen Ed:** PX, CI.

**Grading status:** Letter grade.

**ANTH 413L. Archaeobotany Lab. 1 Credit.**

Lab analysis of plant remains from archaeological sites with an emphasis on basic procedures for processing, sorting, and identifying macrobotanical remains.

**Requisites:** Corequisite, ANTH 413.

**Grading status:** Letter grade.

**ANTH 414. Laboratory Methods: Human Osteology. 3 Credits.**

This course will focus on the analysis of human skeletal materials in the laboratory and in the field, with an emphasis on basic identification, age and sex estimation, and quantitative analysis.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 414L. Human Osteology Lab. 1 Credit.**

The laboratory analysis of human skeletal materials with an emphasis on basic identification, age and sex estimation, and quantitative analysis.

**Requisites:** Corequisite, ANTH 414.

**Grading status:** Letter grade.

**ANTH 415. Laboratory Methods: Zooarchaeology. 3 Credits.**

This course will focus on the analysis of animal remains from archaeological sites. Introduction to laboratory methods, analytical approaches, and interpretive frameworks for zooarchaeology.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 415L. Zooarchaeology Lab. 1 Credit.**

Required preparation, an archaeological course or permission of instructor. Examination of identification techniques, quantitative methods, and interpretive frameworks used to analyze animal remains recovered from archaeological sites.

**Requisites:** Corequisite, ANTH 415.

**Grading status:** Letter grade.

**ANTH 416. Bioarchaeology. 3 Credits.**

The study of human skeletal remains from archaeological contexts. The collection and interpretation of quantitative and qualitative data is emphasized to assess the relationship between past biology, environment, culture, and behavior.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 417. Laboratory Methods: Lithic Seminar. 3 Credits.**

Laboratory techniques in stone tool research and experimental practice.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 417L. Lithic Analysis Lab. 1 Credit.**

Required preparation, any course in archaeology or permission of the instructor. This is a required one-hour laboratory section to be taken in conjunction with ANTH 417.

**Requisites:** Corequisite, ANTH 417.

**Grading status:** Letter grade.

**ANTH 418. Laboratory Methods: Ceramic Analysis. 3 Credits.**

A survey of the laboratory techniques used by archaeologists to study and draw social and behavioral inferences from ancient pottery.

**Grading status:** Letter grade.

**ANTH 419. Anthropological Application of GIS. 3 Credits.**

Permission of the instructor. GIS experience required. This course explores applying GIS science technologies to anthropological problems. Students will learn GIS skills and apply them using spatial data.

**Grading status:** Letter grade.



**ANTH 420. Public Archaeology. 3 Credits.**

The aim of the course is to build an understanding of archaeology as a discipline that involves and affects the public. Among the areas to be covered are the implementation of federal, state, and other statutes, and the presentation of archaeological knowledge through museums and public media.

**Grading status:** Letter grade.

**ANTH 421. Archaeological Geology. 3 Credits.**

Permission of the instructor. The application of geological principles and techniques to the solution of archaeological problems. Studies geological processes and deposits pertinent to archaeological sites, geologic framework of archaeology in the southeastern United States, and techniques of archaeological geology. Field trips to three or more sites; written reports required.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** GEOL 421.

**ANTH 422. Anthropology and Human Rights. 3 Credits.**

An examination human rights issues from an anthropological perspective, addressing the historical formation of rights, their cross-cultural context and the emergence of humanitarian and human rights organizations on a global scale.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 423. Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains. 3 Credits.**

This course combines laboratory training, field projects, lectures, films, discussion, and student presentations into a course on the science of human skeletal analysis. Students learn the laboratory methods scientists use to study human remains and the role of skeletal analysis in the study of contemporary forensic cases.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 424. Ritual, Festival, and Public Culture. 3 Credits.**

This course explores rituals, festivals, and public cultural performances as forms of complex, collective, embodied creative expression. As sites of popular celebration, conflict resolution, identity definition, and social exchange, they provide rich texts for folkloristic study. We consider how local and global forces both sustain and challenge these forms.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade

**Same as:** FOLK 424.

**ANTH 425. Public Archaeology Practicum. 3 Credits.**

An opportunity for archaeology students to apply their field and/or lab skills to a semester long, team-based research project developed to address the needs of a community partner.

**Requisites:** Prerequisite, ANTH 410, 411, 420, 451 or CLAR 411; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**ANTH 426. Making Magic. 3 Credits.**

Magic in anthropology and popular culture, from the 19th century to the present. Focuses on witchcraft and healing; arts of illusion; fantasy and (multiple) realities. Examines how realities are made and unmade through speech, rites, relations of power.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 427. Race. 3 Credits.**

This course explores the history, politics, and social dimensions of race as a category. It examines the lived experience of race, racialization and racism, as well as the role of anthropology in contemporary and historic definitions of race.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 428. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon in the works of classical and contemporary social thought.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** FOLK 428, RELI 428.

**ANTH 428H. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon, in the works of classical and contemporary social thought.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** FOLK 428H, RELI 428H.

**ANTH 429. Culture and Power in Southeast Asia. 3 Credits.**

The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 429, FOLK 429.

**ANTH 435. Consciousness and Symbols. 3 Credits.**

This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** CMPL 435, FOLK 435.

**ANTH 437. Evolutionary Medicine. 3 Credits.**

This course explores evolutionary dimensions of variation in health and disease in human populations. Topics include biocultural and evolutionary models for the emergence of infectious and chronic diseases and cancers.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 438. Religion, Nature, and Environment. 3 Credits.**

A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature.

**Grading status:** Letter grade.

**ANTH 438H. Religion, Nature, and Environment. 3 Credits.**

A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature.

**Grading status:** Letter grade.

**ANTH 439. Political Ecology. 3 Credits.**

Examines environmental degradation, hunger, and poverty through the lens of power relationships, particularly inequality, political and economic disenfranchisement, and discrimination. Discussion of global case studies, with a Latin American focus.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.



**ANTH 440. Beyond the Tragedy of the Commons. 3 Credits.**

Reexamination of the 'tragedy of the commons' concept in light of recent work on environmental problems, property rights, and community-based conservation. Case studies include fishery, waterway, forest, and pasture management.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 441. The Anthropology of Gender, Health, and Illness. 3 Credits.**

The course explores cultural beliefs, practices, and social conditions that influence health and sickness of women and men from a cross-cultural perspective.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** WGST 441.

**ANTH 442. Health and Gender after Socialism. 3 Credits.**

This course examines postsocialist experiences of the relationship between political, economic, social, and cultural transitions, and challenges in public health and gender relations.

**Grading status:** Letter grade

**Same as:** WGST 440.

**ANTH 443. Cultures and Politics of Reproduction. 3 Credits.**

This course takes a cross-cultural approach to understanding how reproduction and associated phenomena become arenas where political debates are played out, and where global and local social relations are contested.

**Grading status:** Letter grade

**Same as:** WGST 443.

**ANTH 444. Medicine, Politics, and Justice. 3 Credits.**

This course brings an anthropological approach to understanding the intersections between medicine, politics, and public health.

**Grading status:** Letter grade.

**ANTH 445. Migration and Health. 3 Credits.**

This course examines the intersections between migration processes and the political, economic, and social dimensions of health and well-being among migrants, their families, and their communities.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** WGST 445.

**ANTH 446. Poverty, Inequality, and Health. 3 Credits.**

This course examines poverty, inequalities, and health from a global and historical perspective. We will study the role of sociopolitical context, individual behavior, and human biology, and will pay particular attention to the roles of psychosocial stress, material conditions, and policy in shaping health differences within and between populations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 447. The Anthropology of Work. 3 Credits.**

Anthropological investigations of work and the relationship between work, family life, and community in contemporary societies in the United States, Asia, and Latin America, within the framework of globalization.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

**ANTH 447H. The Anthropology of Work. 3 Credits.**

Anthropological investigations of work and the relationship between work, family life, and community in contemporary societies in the United States, Asia, and Latin America, within the framework of globalization.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

**ANTH 448. Health and Medicine in the American South. 3 Credits.**

This course examines ways we can understand the history and culture of a region through the experience of health and healthcare among its people. With an anthropological approach, this course considers the individual, social, and political dimensions of medicalized bodies in the American South from the 18th century through the current day.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**ANTH 449. Anthropology and Marxism. 3 Credits.**

Critical study of Marx' mature social theory and its relationship to contemporary anthropology.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 451. Field School in North American Archaeology. 6 Credits.**

Intensive training in archaeological field methods and techniques. Students participate in the excavation, recovery, recording, and interpretation of archaeological remains. Instruction given in survey, mapping, photography, flotation recovery, etc.

**Gen Ed:** HS, EE- Field Work, WB.

**Grading status:** Letter grade.

**ANTH 451H. Field School in North American Archaeology. 6 Credits.**

Intensive training in archaeological field methods and techniques. Students participate in the excavation, recovery, recording, and interpretation of archaeological remains. Instruction given in survey, mapping, photography, flotation recovery, etc.

**Gen Ed:** HS, EE- Field Work, WB.

**Grading status:** Letter grade.

**ANTH 452. The Past in the Present. 3 Credits.**

Memory and history, history and politics, national narratives, the past in the present, and the present in the past; a cross-cultural examination of ways of connecting the present and the past.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 453. Field School in South American Archaeology. 6 Credits.**

Intensive study of archaeological field and laboratory methods and prehistory of the Andes through excavation and analysis of materials from archaeological sites in Peru. Includes tours of major archaeological sites.

**Gen Ed:** HS, EE- Study Abroad, EE- Field Work, WB.

**Grading status:** Letter grade.

**ANTH 453H. Field School in South American Archaeology. 6 Credits.**

Intensive study of archaeological field and laboratory methods and prehistory of the Andes through excavation and analysis of materials from archaeological sites in Peru. Includes tours of major archaeological sites.

**Gen Ed:** HS, EE- Study Abroad, EE- Field Work, WB.

**Grading status:** Letter grade.

**ANTH 454. The Archaeology of African Diasporas. 3 Credits.**

How is archaeological evidence used to understand the movement of Africans and their descendants across the globe? This course focuses on what archaeologists have learned about the transformation of societies on the African continent and in the Americas from the era of the trans-Atlantic slave trade to the present.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**ANTH 455. Ethnohistory. 3 Credits.**

Integration of data from ethnographic and archaeological research with pertinent historic information. Familiarization with a wide range of sources for ethnohistoric data and practice in obtaining and evaluating information. Pertinent theoretical concepts will be explored.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** FOLK 455.

**ANTH 456. Archaeology and Ethnography of Small-Scale Societies. 3 Credits.**

The study of small-scale hunter-gatherer and farming societies from archaeological and ethnographic perspectives. Methods and theories for investigating economic, ecological, and social relations in such societies are explored.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 457. Perspectives in Historical Archaeology. 3 Credits.**

This class will examine the development of historical archaeology as a distinct subdiscipline as well as investigating how the field is being practiced currently around the world.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 458. Archaeology of Sex and Gender. 3 Credits.**

Required preparation, at least one ANTH or one WMST course. A discussion of gender and sex roles and sexuality in past cultures; a cross-cultural examination of ways of knowing about past human behavior.

**Gen Ed:** SS, WB.

**Grading status:** Letter grade

**Same as:** WGST 458.

**ANTH 459. Ecological Anthropology. 3 Credits.**

Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists and agriculturalists. Approaches include optimal foraging theory, political ecology and subsistence risk.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ENEC 459.

**ANTH 460. Historical Ecology. 3 Credits.**

Historical ecology is a framework for integrating physical, biological, and social science data with insights from the humanities to understand the reciprocal relationship between human activity and the Earth system.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ENEC 460.

**ANTH 461. Colonialism and Postcolonialism: History and Anthropology. 3 Credits.**

This course examines colonialism and postcolonialism through the lenses of history and anthropology respectively. Through history, it asks, What were the dynamics of colonialism then? Through anthropology, it questions, What are the conditions, quandaries, and possibilities of postcolonialism now? Regional focus varies by instructor and year.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**ANTH 463. Settler Colonialism. 3 Credits.**

This class will be framed around readings that explore the varied impact of European settlement across the globe. In focusing on both the varied global legacies of colonialism and the continued sociopolitical movements of indigenous populations, this class will encourage a broad perspective on what settler colonialism looks like today.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

**ANTH 466. Alternative Economic Systems. 3 Credits.**

An investigation of economic systems that are sustainable alternatives to the prevailing economic order. Topics include markets, the commons, cooperatives, local trading systems, and social movements working to achieve alternatives.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 467. Culture, Wealth, and Poverty. 3 Credits.**

Examines three broad perspectives used to explain inequality: ecological, cultural, and political. Students read theoretical works and evaluate arguments using ethnographies that describe local economies, institutions, and adaptive practices.

**Grading status:** Letter grade.

**ANTH 468. State Formation. 3 Credits.**

The course examines the state, from its initial appearance 5,000 years ago to newly established nation-states, exploring the concepts of ethnicity, class, race, and history in state formation and maintenance.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**ANTH 469. History and Anthropology. 3 Credits.**

Studies links between history and anthropology; cultures in historical perspective and history in cultural perspective; and effects of relations of power and historical interconnections on the peoples of the world.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 470. Medicine and Anthropology. 3 Credits.**

This course examines cultural understandings of health, illness, and medical systems from an anthropological perspective with a special focus on Western medicine.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** FOLK 470.

**ANTH 471. Biocultural Perspectives on Maternal and Child Health. 3 Credits.**

This course explores maternal and child health from an evolutionary, biocultural, and global health perspective. It focuses on the physiological, ecological, and cultural factors shaping health and takes a life course perspective to examine childhood development, reproductive processes such as pregnancy, birth and lactation, and menopause and aging.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ANTH 473. Anthropology of the Body and the Subject. 3 Credits.**

Anthropological and historical studies of cultural constructions of bodily experience and subjectivity are reviewed, with emphasis on the genesis of the modern individual and cultural approaches to gender and sexuality.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** FOLK 473.

**ANTH 474. The Anthropology of Disability. 3 Credits.**

Investigates the social, cultural, and historical variation in the conception of disability, in its practical meaning and performance, and in its social and medical management. Special attention is paid to the interplay of embodiment, identity, and agency in work and everyday life and in political action and advocacy.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 477. Visual Anthropology. 3 Credits.**

This course introduces students to visual forms of communication through both the analysis and production of still and video materials. Ethics, cross-cultural representations, and ethnographic theory will all be explored.

**Gen Ed:** VP, EE- Mentored Research.

**Grading status:** Letter grade.

**ANTH 484. Discourse and Dialogue in Ethnographic Research. 3 Credits.**

Study of cultural variation in styles of speaking applied to collection of ethnographic data. Talk as responsive social action and its role in the constitution of ethnic and gender identities.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade

**Same as:** FOLK 484, LING 484.

**ANTH 490. Undergraduate Seminar in Anthropology. 3 Credits.**

Restricted to junior and senior anthropology majors; generally the course is limited to 18 students. The subject matter will vary with the instructor. Each course will concern itself with a study in contemporary anthropology and new directions in research or applications.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 491. Political Anthropology. 3 Credits.**

Introduction to political anthropology. A thematically organized investigation of political processes in state societies, including state formation, with special attention to ethnographic and historical approaches.

**Grading status:** Letter grade.

**ANTH 502. Globalization and Transnationalism. 3 Credits.**

Anthropological examination of processes of globalization and transnationalism, with special attention to transnational migration, emergence of transnational ('global') institutions, commodity flows, and dissemination of ideologies, cultural frameworks, and media imagery.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 503. Gender, Culture, and Development. 3 Credits.**

Classic writings and debates relating to gender and development, with emphasis on recent work that critiques conventional development models. The scope is global, with special attention to Latin America and to such questions as how alternative approaches to gender, culture, and development may be more inclusive of diverse peoples and grassroots movements for change.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** WGST 503.

**ANTH 520. Linguistic Phonetics. 3 Credits.**

Introduction to the general principles of linguistic phonetics; anatomy of vocal tract, physiology of speech production, universal phonetic theory. Practice in the recognition and transcription of speech sounds.

**Grading status:** Letter grade

**Same as:** LING 520.

**ANTH 523. Phonological Theory I. 3 Credits.**

Permission of the instructor for undergraduates. Introduction to the principles of modern generative phonology. Methods and theory of phonological analysis. Students may not receive credit for both LING 200 and LING 523.

**Requisites:** Prerequisite, LING 520, or SPHS 530 or 540.

**Grading status:** Letter grade

**Same as:** LING 523.

**ANTH 525. Culture and Personality. 3 Credits.**

Systems theory used to conceptualize relationship between cultural patterns and individual minds. Functional, dysfunctional, and therapeutic processes considered. Examples from Africa, Asia, Europe, and Native America. Lectures, films, recitations.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** FOLK 525.

**ANTH 535. The Archaeology of Health and Well-Being. 3 Credits.**

In this course, we will engage the juxtaposition between traditional cures and the institutionalized ones of the 21st century through analyzing earlier material manifestations of health care and well-being. We will trace the growth of medical care in America from the early colonial years, and consider how they resulted in wholly American circumstances and applications.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 537. Gender and Performance: Constituting Identity. 3 Credits.**

Examines the culturally and historically variable ways in which individuals constitute themselves as cis- or transgendered subjects, drawing upon extant expressive resources, modifying them, and expanding options available to others. Performance of self as the product of esthetically marked or unmarked, everyday actions.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** FOLK 537, WGST 438.

**ANTH 538. Disease and Discrimination in Colonial Atlantic America. 3 Credits.**

Colonization of Atlantic America between 1500 and 1900, through landscape change, agriculture, poverty, labor discrimination, and slavery differentially placed subsets of the general population at risk for infectious disease and other insults to their health. Lecture and discussion using archaeological and bioarchaeological studies, modern disease studies, and historic documents.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**ANTH 539. Environmental Justice. 3 Credits.**

Course examining issues of race, poverty, and equity in the environmental movement. Cases include the siting of toxic incinerators in predominantly people-of-color communities to resource exploitation on indigenous lands.

**Gen Ed:** SS, EE- Service Learning, US.

**Grading status:** Letter grade.

**ANTH 540. Planetary Crises and Ecological and Cultural Transitions. 3 Credits.**

Analysis of the social-environmental crisis and approaches to redress it, particularly those that posit ecological and cultural transitions beyond current globalization models. Participants will construct their own scenarios for transitions to sustainable and pluralistic societies. The course will have an in-built, collective research component. Intended for upper-division undergraduates.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**ANTH 541. Sociolinguistics. 3 Credits.**

Introduction to the study of language in relation to society; variation as it correlates with socioeconomic status, region, gender; the social motivation of change; language and equality; language maintenance, planning, shift.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade

**Same as:** LING 541.

**ANTH 542. Pidgins and Creoles. 3 Credits.**

Examination of the social contexts of language contact and their linguistic outcomes, with particular emphasis on the formation of pidgins and creoles. The course investigates the structural properties of these new contact languages and evaluates the conflicting theories that explain their genesis.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade

**Same as:** LING 542.

**ANTH 545. The Politics of Culture in East Asia. 3 Credits.**

Examines struggles to define culture and the nation in 20th-century China in domains like popular culture, museums, traditional medicine, fiction, film, ethnic group politics, and biography and autobiography.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 545.

**ANTH 550. Archaeology of the American South. 3 Credits.**

Current issues and interpretations in the archaeology of the American South. Through weekly readings and discussions, students will explore the lifeways and changes that characterized each major period of the South's ancient history, from 12,000 years ago to the beginnings of European colonization.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ANTH 551. Origins of Agriculture in the Ancient World. 3 Credits.**

This course explores archaeological evidence for the origins of food production. We address when and where this profound change occurred as well as focusing on why it happened and what its consequences were. We will examine current evidence for the origins of agriculture in both Old and New Worlds.

**Gen Ed:** GL, WB.

**Grading status:** Letter grade.

**ANTH 559. History in Person. 3 Credits.**

Extends anthropological approaches to identity in social life. Examines social position, power, and cultural imagination; the personal and collective dynamics of sociocultural change; and the concept of agency.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 567. Urban Anthropology. 3 Credits.**

Comparative study of the political economy and cultural politics of populations in spaces and landscapes in cities in America and Third World undergoing globalization, economic restructuring, and transnational immigration.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

**ANTH 574. Chinese World Views. 3 Credits.**

Explores the indigenous Chinese sciences and the cosmological ideas that informed them. Topics include astronomy, divination, medicine, fengshui, and political and literary theory. Chinese sources in translation are emphasized.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 574, RELI 574.

**ANTH 578. Chinese Diaspora in the Asia Pacific. 3 Credits.**

Examination of the histories, social organization, and cultures of the Chinese diasporas in the Asia Pacific region, focusing on contemporary issues in the cultural politics and identities of "overseas Chinese."

**Gen Ed:** BN, CI, GL.

**Grading status:** Letter grade

**Same as:** ASIA 578.

**ANTH 584H. Conspiracy Thinking in Contemporary United States. 3 Credits.**

We will consider the JFK assassination, in detail and in historical context, and several subsequent real and imagined conspiracies, including 9/11. The course focuses on a fundamental issue in social analysis: the empirical and epistemological bases of what we know about our society, its current events and recent history.

**Grading status:** Letter grade.

**ANTH 584. Conspiracy Thinking in Contemporary United States. 3 Credits.**

We will consider the JFK assassination, in detail and in historical context, and several subsequent real and imagined conspiracies, including 9/11. The course focuses on a fundamental issue in social analysis: the empirical and epistemological bases of what we know about our society, its current events and recent history.

**Grading status:** Letter grade.

**ANTH 585. Anthropology of Science. 3 Credits.**

Cultural perspectives on science and technology at a global scale, including research settings and social contexts, knowledge claims and material practice, and relations between scientific worldviews, social institutions, and popular imagination.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade.

**ANTH 586. The Gardens, Shrines, and Temples of Japan. 3 Credits.**

The religious landscape and built environments of Japan. Attention to palace, courtyard, and teahouse architecture and gardens, with emphasis on Shinto shrines and the Zen Buddhist temple and garden.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 586.

**ANTH 590. Special Topics in Anthropology I. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 590H. Special Topics in Anthropology I. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 623. Human Disease Ecology. 3 Credits.**

This seminar considers cultural ecologies of disease by examining how social, cultural, and historical factors shape disease patterns. We examine how ecosystems are shaped by disease, how disease shapes ecosystems, and how cultural processes (e.g., population movements, transportation, economic shifts, landscape modifications, and built environments) contribute to emerging infectious disease.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 624. Anthropology and Public Health. 3 Credits.**

This course compares disciplinary approaches of public health and anthropology. We begin by examining the social determinants of health paradigms and relationships between inequality, poverty, and global health. We will explore epidemiological, biocultural, and symbolic approaches to these problems. Public policy and health development will also be examined.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 625. Ethnography and Life Stories. 3 Credits.**

The course focuses on the practical and research uses of ethnography and oral history, emphasizing life histories, life stories, biographies, and how these intersect with communities.

**Gen Ed:** SS, EE- Service Learning, EE- Field Work, US.

**Grading status:** Letter grade.

**ANTH 626. African Cultural Dynamics. 3 Credits.**

In-depth reading of several books and articles that consider the interaction between indigenous African traditions and intrusive colonial and postcolonial forces. Emphasis on class discussion. Short papers and individual projects.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**ANTH 629. Language Minority Students: Issues for Practitioners. 3 Credits.**

Permission of the instructor. Explores issues of culture and language associated with teaching English as a second language.

**Grading status:** Letter grade

**Same as:** EDUC 629.

**ANTH 649. Politics of Life and Death. 3 Credits.**

The course examines intersections between life, death, and contemporary politics, with a historical focus on the health of populations. It combines theoretical discussions with comparative empirical cases in a global frame and includes a research component.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ANTH 650. Reconstructing Life: Nutrition and Disease in Past Populations. 3 Credits.**

This is an advanced course in the reconstruction of nutrition and health in past populations. Among the topics explored are epidemiology, disease ecology, dietary reconstruction, and paleopathology.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ANTH 651. Identity, Memory, and the Afterlife: The Space and Place of Death. 3 Credits.**

Death is a universal event, yet treatment of the dead varies from society to society. This course will be directed at examining mortuary rituals, memory and identity, and the scientific study of the dead to interpret the space and place of death in archaeological contexts.

**Grading status:** Letter grade.

**ANTH 660. Kinship, Reproduction, Reproductive Technology, and the New Genetics. 3 Credits.**

This course focuses on the relationship between family, kinship, new reproductive technologies, and the new genetics from a cross-cultural perspective.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 660.

**ANTH 660H. Kinship, Reproduction, Reproductive Technology, and the New Genetics. 3 Credits.**

This course focuses on the relationship between family, kinship, new reproductive technologies, and the new genetics from a cross cultural perspective.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 660H.

**ANTH 674. Issues in Cultural Heritage. 3 Credits.**

This course examines entanglements between the past and present from multiple and conflicting perspectives, highlighting an archaeological point of view. Models of participatory research are considered in relation to cultural heritage, and indigenous-rights perspectives are discussed in reference to archaeological, nation-state, and global interests.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**ANTH 675. Ethnographic Method. 3 Credits.**

Intensive study and practice of the core research methods of cultural and social anthropology.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade

**Same as:** FOLK 675.

**ANTH 676. Research Methods in Human Biology. 3 Credits.**

This course focuses on laboratory and field research methods in human biology. Through readings, in-class exercises, data collection outside of class, and laboratory analysis, students will examine issues of epistemology, ethics, data and biomarker collection methods, analysis and data processing. We will pay particular attention to issues of bias and validity, as well as precision and accuracy in human biology research.

**Grading status:** Letter grade.

**ANTH 682. Contemporary Chinese Society. 3 Credits.**

Presents recent anthropological research on the People's Republic of China. In addition to social sciences sources, fictional genres are used to explore the particular modernity of Chinese society and culture.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 682.

**ANTH 688. Observation and Interpretation of Religious Action. 3 Credits.**

Permission of the instructor. Exercises (including field work) in learning to read the primary modes of public action in religious traditions, e.g., sermons, testimonies, rituals, and prayers.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade

**Same as:** FOLK 688, RELI 688.



**ANTH 690. Special Topics in Anthropology II. 2-3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ANTH 691H. Seniors Honors Project in Anthropology. 3 Credits.**

Permission of the instructor. Open only to honors candidates.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade.

**ANTH 692H. Senior Honors Thesis in Anthropology. 3 Credits.**

Open only to senior honors candidates. Permission of the instructor is required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Anthropology Major, B.A.

### Contact Information

**Department of Anthropology**

Visit Program Website (<http://anthropology.unc.edu>)

301 Alumni Building, CB#3115

(919) 962-1243

**Patricia McAnany, Chair****Anna Agbe-Davies, Director of Undergraduate Studies**

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. Students interested in choosing anthropology as a major or minor should visit the department's Web site (<http://anthropology.unc.edu>) and click on the link for the undergraduate program. Students planning a major in anthropology should inform the department's director of undergraduate studies. Students should consult with the director of undergraduate studies on a regular basis.

## Department Programs

**Major**

- Anthropology Major, B.A. (p. 181)

**Minors**

- General Anthropology Minor (p. 183)
- Heritage and Global Engagement Minor (p. 183)
- Medical Anthropology Minor (p. 185)

**Graduate Programs**

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology>)

## Student Learning Outcomes

Upon completion of the anthropology program, students should be able to:

- Discuss and critically assess theories and concepts for the study of social, cultural, and biological forms, phenomena, and change in the human species
- Engage in the coherent, holistic, integrative study of humans over time and space
- Demonstrate an in-depth knowledge of human social, cultural, and biological heterogeneity, within a framework that affirms the essential unity of the human species

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One course from biological anthropology chosen from the following list:		3
ANTH 143	Human Evolution and Adaptation	
ANTH 148	Human Origins	
ANTH 217	Human Biology in Comparative Perspective	
ANTH 315	Human Genetics and Evolution	
ANTH 319	Global Health	
One course from archaeology chosen from the following list:		3
ANTH 121	Ancient Cities of the Americas	
ANTH 145	Introduction to World Prehistory	
ANTH 149	Great Discoveries in Archaeology	
ANTH 220	Principles of Archaeology	
ANTH 222	Prehistoric Art	
ANTH 231	Archaeology of South America	
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	
ANTH 250	Archaeology of North America <sup>H</sup>	
ANTH 454	The Archaeology of African Diasporas	
ANTH 457	Perspectives in Historical Archaeology	
One course from sociocultural anthropology chosen from the following list:		3
ANTH 102	Introduction to Cultural Anthropology	
ANTH 120	Anthropology through Expressive Cultures	
ANTH 147	Comparative Healing Systems	
ANTH 240	Action Research	
ANTH 280	Anthropology of War and Peace	
ANTH 284	Culture and Consumption	
One theoretical perspectives course chosen from the following list: <sup>1</sup>		3
ANTH 291	Archaeological Theory and Practice	
ANTH 294	Anthropological Perspectives on Society and Culture	

ANTH 297	Directions in Anthropology <sup>H</sup>	
ANTH 298	Biological Anthropology Theory and Practice	
ANTH 490	Undergraduate Seminar in Anthropology	3
Four additional three-hour courses in anthropology		12

**Additional Requirements**

No more than three courses used to fulfill the major can be numbered below 200.

No more than six hours of field-oriented coursework can be counted toward the major.

ANTH 393	Internship in Anthropology	
ANTH 395	Research in Anthropology <sup>H</sup>	
ANTH 451	Field School in North American Archaeology <sup>H</sup>	
ANTH 453	Field School in South American Archaeology <sup>H</sup>	

No more than three hours of coursework from the following list may be counted toward the major:

ANTH 92	UNITAS	
ANTH 93	UNITAS	
ANTH 195	Research in Anthropology I	
ANTH 196	Independent Reading or Study in Anthropology I	
ANTH 295	Research in Anthropology II	
ANTH 296	Independent Reading or Study in Anthropology II	
ANTH 396	Independent Reading or Study in Anthropology <sup>H</sup>	
ANTH 691H	Seniors Honors Project in Anthropology	
ANTH 692H	Senior Honors Thesis in Anthropology	

Total Hours 27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The theoretical perspectives requirement serves as the major's core course; it offers an integrative perspective on the theories and history of anthropology and explores what it means to be an anthropologist. Majors should fulfill this requirement in their junior year. If they cannot do so, they should consult with the director of undergraduate studies.

The department recommends that majors enroll in some field-oriented coursework such as ANTH 393, ANTH 395, ANTH 451, ANTH 453, or in study abroad coursework.

## Special Opportunities in Anthropology

### Honors in Anthropology

Writing an honors thesis is an excellent way to cap one's major in anthropology. The process offers students the chance to carry out original research on a topic that they are passionate about. Our thesis writers work closely with a faculty advisor and committee members to develop their project. The department provides excellent support, offering a specific seminar during the fall (ANTH 691H) and a corresponding independent study (ANTH 692H), that together walk students through the essential steps of research design and writing. For our students, writing an honors thesis continues to prove a pivotal experience—at once a capstone to their studies at Carolina and an achievement to carry with them into their lives and careers beyond.

To pursue an honors thesis project, students must:

- Maintain a minimum grade point average of 3.3 from the spring semester of the junior year through the entirety of the senior year
- Secure a faculty advisor who is an anthropologist at UNC-Chapel Hill.
- Successfully complete the ANTH 691H and ANTH 692H sequence
- Receive approval from UNC's Office for Human Research Ethics prior to the start of research, for all projects involving human subjects

The process for approval requires several steps:

- Students considering an honor thesis should first contact the director of undergraduate studies or the honors thesis seminar instructor, during their junior year (or earlier).
- Eligible students next should secure an advisor prior to enrolling in ANTH 691H for the fall semester of their senior year. Typically, the advisor is a professor that they have worked with in a class or faculty member with shared interests.
- In the fall students develop their research design and begin to write their thesis ANTH 691H.
- In the spring, students complete an independent study with their advisor, focusing on writing the thesis ANTH 692H. Students also form their committee, by adding two additional faculty members.
- To complete the process, students defend (i.e., present and discuss) their thesis to their committee.

### Internships, Field Work, and Independent Study

Students who wish to explore an anthropological concern outside the conventional classroom setting, or who desire advanced or specialized work beyond current course offerings, should consider ANTH 393, ANTH 395, ANTH 396, ANTH 451, and ANTH 453.

ANTH 393 provides anthropology students the opportunity to engage in internships or other field experiences within or beyond the University that have a significant anthropological learning component. Variable credit may be obtained for this course. ANTH 393 is a controlled enrollment course; it requires the permission in advance of the faculty member sponsoring the internship, of a responsible official of the agency in which the internship is carried, and of the director of undergraduate studies. It is essential that students make arrangements and secure permissions prior to the semester of the internship.

ANTH 396 provides anthropology students the opportunity to engage in independent study, and ANTH 395, the opportunity to engage in field research, in both cases under the mentoring of a specific faculty member. Variable credit may be obtained for these courses, although three units are usually expected. ANTH 396 and ANTH 395 require the permission of the faculty member under whom the student wishes to conduct research prior to the semester in which ANTH 396 or ANTH 395 is taken. Both are controlled enrollment courses. In general, these courses should be taken only by students with some prior coursework in anthropology or a related social science.

ANTH 451 and ANTH 453 are six-unit field school courses in which the student gains hands-on experience in research and study in the field under the direction of a faculty member.

Anthropology majors are limited to having no more than six credit hours of field-oriented coursework (ANTH 393, ANTH 395, ANTH 451, or ANTH 453) count toward meeting the major requirement, although they are not restricted from enrolling in more than six credit hours of these courses combined.

## Study Abroad

Anthropology majors are encouraged to enroll in a study abroad program. These programs can offer direct experience of another culture and intensive language training, as well as excellent coursework in anthropology. By consulting with their departmental advisors as well as with the University's Study Abroad Office, students can assess the relevance of available programs to their interests and arrange to transfer credit hours to count toward their undergraduate degree and, where appropriate, the anthropology major. Study abroad programs are often affordable even to students who require financial aid. Information about student loans and scholarships for the purpose of studying abroad can be obtained from the Study Abroad Office.

## Undergraduate Awards

The Honigmann Undergraduate Honors Thesis Award is given each year to the student who completed the best undergraduate honors project.

# General Anthropology Minor

## Contact Information

### Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)  
301 Alumni Building, CB#3115  
(919) 962-1243

### Patricia McAnany, Chair

### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. We support studies, research, and professional applications in these areas with three programs of foundational training:

1. archaeology
2. human biology, ecology, and evolution
3. sociocultural anthropology

## Department Programs

### Major

- Anthropology Major, B.A. (p. 181)

### Minors

- General Anthropology Minor (p. 183)
- Heritage and Global Engagement Minor (p. 183)
- Medical Anthropology Minor (p. 185)

### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
	Five three-hour anthropology (ANTH) courses taken in the department. <sup>1, 2</sup>	15
Total Hours		15

<sup>1</sup> A maximum of two courses may be numbered below 200.

<sup>2</sup> Credit hours for independent study or independent field research may not count towards the minor, including ANTH 195, ANTH 196, ANTH 295, ANTH 296, ANTH 393, ANTH 395 and ANTH 396.

The Department of Anthropology provides a complete list of anthropology (ANTH) (p. 166) courses.

Students must have a grade of C or better in at least four of the five courses, and at least three courses must be taken at UNC–Chapel Hill or in a program officially sponsored by the University. Students planning on a minor in anthropology should inform the department's director of undergraduate studies.

See the program page here (p. 182) for special opportunities.

## Heritage and Global Engagement Minor

## Contact Information

### Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)  
301 Alumni Building, CB#3115  
(919) 962-1243

### Patricia McAnany, Chair

### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

## Introduction

The heritage and global engagement minor offers students the opportunity to engage two critical issues of our times: globalization and heritage. Students will learn a wide range of culturally aware approaches to understanding the role of globalization and heritage in the modern world. Emphasizing experiential learning, the minor offers students guided training in a range of anthropological methodologies including ethnography, oral life-history, heritage conservation, and community-based, participatory research. Through designated engagement courses, student completing the minor will have developed a portfolio of extended cases studies, ethnographic projects, and designs for participatory heritage and globally-concerned projects. This emphasis on engagement—i.e. first-hand anthropological research—teaches students to connect new ideas about culture, history, globalization, and identity with real communities. This course of study therein prepares students to navigate the complex issues of globalization and heritage that they will encounter in their personal and professional lives beyond UNC. The minor is

designed to complement other majors and careers, where cultural awareness is a must. Affording undergraduates the opportunity to anthropologically engage their world, the heritage and global engagement minor brings together UNC faculty, students, and communities—both abroad and here in North Carolina—to create locally grounded, globally aware understandings of an increasingly interconnected world.

## Graduate School and Career Opportunities

There are multiple career paths open to students with a minor in heritage and global engagement. The minor is designed to augment a range of courses of study and careers. From medical and health professions to business, government, and nongovernmental organizations (NGOs), anthropological perspective is increasingly at a premium in the world writ large. This minor gives students the global awareness and first-hand research skills to distinguish themselves in a variety of local and global fields.

## Department Programs

### Major

- Anthropology Major, B.A. (p. 181)

### Minors

- General Anthropology Minor (p. 183)
- Heritage and Global Engagement Minor (p. 183)
- Medical Anthropology Minor (p. 185)

### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Select five (5) courses from the following list. At least one course must involve engaged anthropological research. <sup>1</sup>		15
ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	
ANTH 62	First-Year Seminar: Indian Country Today	
ANTH 63	First-Year Seminar: The Lives of Others: Exploring Ethnography <sup>1</sup>	
ANTH 64	First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis <sup>1</sup>	
ANTH 103	Anthropology of Globalization	
ANTH 120	Anthropology through Expressive Cultures	
ANTH 121	Ancient Cities of the Americas	

ANTH 142	Local Cultures, Global Forces <sup>1, H</sup>
ANTH 144	Archaeology and the Media
ANTH 145	Introduction to World Prehistory
ANTH 151	Anthropological Perspectives on Food and Culture
ANTH/ENGL/ FOLK 202	Introduction to Folklore
ANTH 210	Global Issues and Globalization
ANTH 231	Archaeology of South America
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>
ANTH 233	Prehistory of Southwest Asia and Egypt: From the Earliest Humans to the Rise of Civilization
ANTH 240	Action Research <sup>1</sup>
ANTH 248	Anthropology and Public Interest <sup>1</sup>
ANTH 250	Archaeology of North America <sup>H</sup>
ANTH 252	Archaeology of Food
ANTH 259	Culture and Identity <sup>1</sup>
ANTH 284	Culture and Consumption <sup>1</sup>
ANTH 330	Melancholy Japan: Myth, Memory, and Everyday Life
ANTH 331	The Anthropology of Memory <sup>1</sup>
ANTH 356	Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>1, H</sup>
ANTH 361	Community in India and South Asia
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia
ANTH 406	Native Writers
ANTH 420	Public Archaeology
ANTH 425	Public Archaeology Practicum <sup>1</sup>
ANTH 429	Culture and Power in Southeast Asia
ANTH 445	Migration and Health <sup>1</sup>
ANTH 452	The Past in the Present
ANTH 454	The Archaeology of African Diasporas
ANTH 461	Colonialism and Postcolonialism: History and Anthropology <sup>1</sup>
ANTH 477	Visual Anthropology
ANTH 550	Archaeology of the American South
ANTH 625	Ethnography and Life Stories <sup>1</sup>
ANTH 674	Issues in Cultural Heritage <sup>1</sup>

**Hours** Total Hours 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses involving engaged anthropological research.

## Special Opportunities

See the program page here (p. 182) for special opportunities. Students should also meet with the Department of Anthropology's undergraduate career advisor to explore opportunities that are beyond the classroom yet relevant to this minor.

# Medical Anthropology Minor

## Contact Information

### Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)

301 Alumni Building, CB#3115

(919) 962-1243

### Patricia McAnany, Chair

### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. We support studies, research, and professional applications in these areas with three programs of foundational training: archaeology; human biology, ecology, and evolution; and sociocultural anthropology.

The medical anthropology minor is especially appropriate for those planning careers in medicine and health professions.

## Department Programs

### Major

- Anthropology Major, B.A. (p. 181)

### Minors

- General Anthropology Minor (p. 183)
- Heritage and Global Engagement Minor (p. 183)
- Medical Anthropology Minor (p. 185)

### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Five three-hour courses taken from the following list:		15
AAAD 300	Cultures of Health and Healing in Africa	
AAAD 387	HIV/AIDS in Africa and the Diaspora	
ANTH 66H	First-Year Seminar: Saving the World? Humanitarianism in Action	
ANTH 143	Human Evolution and Adaptation	
ANTH 147	Comparative Healing Systems	

ANTH 148	Human Origins
ANTH 151	Anthropological Perspectives on Food and Culture
ANTH 217	Human Biology in Comparative Perspective
ANTH 270	Living Medicine
ANTH 278	Women in Science
ANTH 280	Anthropology of War and Peace
ANTH 315	Human Genetics and Evolution
ANTH 318	Human Growth and Development
ANTH 319	Global Health
ANTH 320	Anthropology of Development
ANTH 323	Magic, Ritual, and Belief
ANTH 325	Emotions and Society
ANTH 326	Practicing Medical Anthropology
ANTH 390	Special Topics in Medical Anthropology
ANTH 405	Mental Health, Psychiatry, and Culture
ANTH 414	Laboratory Methods: Human Osteology
ANTH 422	Anthropology and Human Rights
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains
ANTH 426	Making Magic
ANTH 437	Evolutionary Medicine
ANTH 439	Political Ecology
ANTH 441	The Anthropology of Gender, Health, and Illness
ANTH 442	Health and Gender after Socialism
ANTH 443	Cultures and Politics of Reproduction
ANTH 444	Medicine, Politics, and Justice
ANTH 445	Migration and Health
ANTH 446	Poverty, Inequality, and Health
ANTH 448	Health and Medicine in the American South
ANTH 470	Medicine and Anthropology
ANTH 471	Biocultural Perspectives on Maternal and Child Health
ANTH 473	Anthropology of the Body and the Subject
ANTH 474	The Anthropology of Disability
ANTH 535	The Archaeology of Health and Well-Being
ANTH 538	Disease and Discrimination in Colonial Atlantic America
ANTH 585	Anthropology of Science
ANTH 623	Human Disease Ecology
ANTH 624	Anthropology and Public Health
ANTH 649	Politics of Life and Death
ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations

Total Hours

15

Students must have a grade of C or better in at least four of the five courses, and at least three courses must be taken at UNC–Chapel Hill or in a program officially sponsored by the University. Students planning on a minor in medical anthropology should inform the department's director of undergraduate studies. For more information about medical anthropology see [medicalanthropology.unc.edu](http://medicalanthropology.unc.edu) (<http://medicalanthropology.unc.edu>).

See the program page here (p. 181) for special opportunities.



# DEPARTMENT OF APPLIED PHYSICAL SCIENCES

## Contact Information

### Department of Applied Physical Sciences

Visit Program Website (<http://aps.unc.edu>)

1129 Murray Hall, CB# 3050

(919) 843-9334

### Richard Superfine, Chair

The Department of Applied Physical Sciences was created to expand interdisciplinary research and teaching by strengthening an intellectual climate in which science is collaborative and focused on applications. The department has connections among disciplinary departments across the natural sciences. The graduate program in materials science (M.S. and Ph.D.) is housed in the department. The department offers undergraduate courses.

### Graduate Programs

- Ph.D. in Applied Physical Sciences (<http://catalog.unc.edu/graduate/schools-departments/applied-physical-sciences>)

## Professors

Theo J. Dingemans, Greg Forest (Mathematics), Jinsong Huang, Peter Mucha (Mathematics), Sorin Mitran (Mathematics), Edward T. Samulski, Richard Superfine, Wei You (Chemistry).

## Associate Professors

Ronit Freeman, Rene Lopez (Physics and Astronomy).

## Assistant Professors

Daphne Klotsa, Ehssan Nazockdast, Scott Warren (Chemistry).

## Affiliated Faculty

Nancy L. Allbritton (Biomedical Engineering and Chemistry), James Cahoon (Chemistry), Joseph M. DeSimone (Chemistry), Jianping Lu (Physics and Astronomy), Laurie E. McNeil (Physics and Astronomy), Jerry Meyer (Chemistry), Thomas Meyer (Chemistry), Lu-Chang Qin (Physics and Astronomy), J. Michael Ramsey (Chemistry), Sergei S. Sheiko (Chemistry), Frank Tsui (Physics and Astronomy), Sean Washburn (Physics and Astronomy), Yue Wu (Physics and Astronomy), Otto Zhou (Physics and Astronomy).

## Advanced Undergraduate and Graduate-level Courses

### APPL 411. Practical Electronics for Everyone. 1 Credit.

Design and fabrication for practical electronics circuits, including interfacing with sensors and actuators.

**Grading status:** Letter grade.

### APPL 412. Turning Your Entrepreneurial Ideas Into Reality. 3 Credits.

Students will work in groups on a semester project to turn their entrepreneurial ideas into reality.

**Grading status:** Letter grade.

### APPL 413. LabView for Data Acquisition. 1 Credit.

The basics of data acquisition and hardware interfacing using LabVIEW graphical programming.

**Grading status:** Letter grade.

### APPL 420. Introduction to Polymer Chemistry. 3 Credits.

Chemical structure and nomenclature of macromolecules, synthesis of polymers, characteristic polymer properties.

**Requisites:** Prerequisite, CHEM 261 or 261H; pre- or corequisites, CHEM 262 or 262H, and 262L or 263L.

**Grading status:** Letter grade

**Same as:** CHEM 420.

### APPL 421. Synthesis of Polymers. 3 Credits.

Synthesis and reactions of polymers; various polymerization techniques.

**Requisites:** Prerequisites, CHEM 251 and 262 or 262H.

**Grading status:** Letter grade

**Same as:** CHEM 421.

### APPL 422. Physical Chemistry of Polymers. 3 Credits.

Polymerization and characterization of macromolecules in solution.

**Requisites:** Prerequisites, CHEM 420 and 481.

**Grading status:** Letter grade

**Same as:** CHEM 422.

### APPL 423. Intermediate Polymer Chemistry. 3 Credits.

Polymer dynamics, networks and gels.

**Requisites:** Prerequisite, CHEM 422.

**Grading status:** Letter grade

**Same as:** CHEM 423.

### APPL 470. Fundamentals of Materials Science. 3 Credits.

Prerequisite, CHEM 482; or Crystal geometry, diffusion in solids, mechanical properties of solids, electrical conduction in solids, thermal properties of materials, phase equilibria.

**Requisites:** prerequisite, PHYS 128 and pre- or corequisite, PHYS 441.

**Grading status:** Letter grade

**Same as:** CHEM 470.

### APPL 472. Chemistry and Physics of Electronic Materials Processing. 3 Credits.

Permission of the instructor. A survey of materials processing and characterization used in fabricating microelectronic devices. Crystal growth, thin film deposition and etching, and microlithography.

**Requisites:** Prerequisite, CHEM 482 or PHYS 117 or 119.

**Grading status:** Letter grade

**Same as:** PHYS 472, CHEM 472.

### APPL 473. Chemistry and Physics of Surfaces. 3 Credits.

The structural and energetic nature of surface states and sites, experimental surface measurements, reactions on surfaces including bonding to surfaces and adsorption, interfaces.

**Requisites:** Prerequisite, CHEM 470.

**Grading status:** Letter grade

**Same as:** CHEM 473.

### APPL 490. Special Topics. 3 Credits.

Topics vary from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**APPL 491L. Materials Laboratory I. 2 Credits.**

Structure determination and measurement of the optical, electrical, and magnetic properties of solids.

**Requisites:** Prerequisites, APPL 470 and PHYS 351.

**Grading status:** Letter grade

**Same as:** PHYS 491L.

**APPL 492L. Materials Laboratory II. 2 Credits.**

Continuation of PHYS 491L with emphasis on low- and high-temperature behavior, the physical and chemical behavior of lattice imperfections and amorphous materials, and the nature of radiation damage.

**Requisites:** Prerequisite, APPL 491L or PHYS 491L.

**Grading status:** Letter grade

**Same as:** PHYS 492L.

**APPL 520L. Polymer Chemistry Laboratory. 2 Credits.**

Various polymerization techniques and characterization methods. One four-hour laboratory each week.

**Requisites:** Pre- or corequisite, CHEM 420 or 421 or 425.

**Grading status:** Letter grade

**Same as:** CHEM 520L.

**APPL 573. Introductory Solid State Physics. 3 Credits.**

Crystal symmetry, types of crystalline solids; electron and mechanical waves in crystals, electrical and magnetic properties of solids, semiconductors; low temperature phenomena; imperfections in nearly perfect crystals.

**Requisites:** Prerequisite, PHYS 321; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** PHYS 573.

## Material Science (MTSC)

### Advanced Undergraduate and Graduate-level Courses

**MTSC 615. Structure of Solids. 3 Credits.**

Crystallography, reciprocal lattices, Bloch waves, band structure, electronic wave functions, phonons, thermal expansion. Superlattice structures, including liquid crystals. Overview of properties of ceramic, amorphous, polymeric, and composite materials.

**Grading status:** Letter grade.

# CURRICULUM IN ARCHAEOLOGY

## Contact Information

### Department of Archaeology

Visit Program Website (<http://archaeology.sites.unc.edu/home/ca>)  
108 Alumni Building, CB# 3120  
(919) 962-6574

### C. Margaret Scarry, Chair

### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

## Introduction

The undergraduate major in archaeology focuses on the systematic study of the human past through its material remains by means of the excavation, recovery, and interpretation of artifacts and other associated evidence. Historical, environmental, and comparative components enable the examination of different culture systems through time and space, as well as the reconstruction of past lifeways and the interpretation of ancient social, political, and economic systems. The geographic scope of the program includes the Americas, Europe and the Mediterranean, Egypt, and the Near East. The educational goal of the program is to provide the student with a component of a liberal arts education that draws on both the social sciences and the humanities. It also will effectively prepare students for graduate study in anthropological archaeology, Mediterranean archaeology, museology, and historical preservation, or careers in contract archaeology and cultural resource management. Students interested in applying to graduate programs in Mediterranean or Near Eastern archaeology may need ancient language classes not required for the major. Students should consult a faculty advisor in archaeology if they have questions.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The curriculum's director of undergraduate studies (see "Contact Information" above) works with current and prospective majors and minors by appointment. Students are encouraged to consult with the director of undergraduate studies about course choices and field work opportunities. Curriculum academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, and the honors program may be obtained from the curriculum's Web site (<http://archaeology.unc.edu>).

## Graduate School and Career Opportunities

The undergraduate curriculum in archaeology prepares majors for specialized graduate study in archaeology and cognate fields. The specific area of graduate study will depend on the fields of concentration of major, minor, and supporting coursework. Graduating majors (and double majors and minors) may pursue degree programs and careers in fields such as anthropology, Latin American studies, classical and medieval archaeology, Egyptology and ancient Near Eastern archaeology, art history, ancient history, and linguistics. Provided with a well-rounded undergraduate degree in the liberal arts, graduating students may pursue

professional and graduate programs in diverse fields of the humanities and social sciences, utilizing their skills in various professions such as field archaeology (professional or contract archaeology), museology, conservation and historical preservation, cultural resource and heritage management, and teaching. Career resources as well as a list of former graduates and their careers are available on the curriculum's Web site (<http://archaeology.unc.edu>).

### Major

- Archaeology Major, B.A. (p. 189)

### Minor

- Archaeology Minor (p. 193)

## Adjunct Professors

R.P. Stephen Davis Jr., Donald C. Haggis, Dale L. Hutchinson, Jodi Magness, Patricia M. McAnany, C. Margaret Scarry, Vincas P. Steponaitis, Silvia Tomášková.

## Adjunct Associate Professors

Anna Agbe-Davies, Benjamin Arbuckle, Brian Billman, Heather Lapham, David Mora-Marín, John F. Scarry.

## Adjunct Assistant Professors

Jennifer Gates-Foster, Laurie Cameron Steponaitis, Hérica Valladares.

## Professors Emeriti

Carole L. Crumley, Mary C. Sturgeon.

## ARCH—Archaeology Undergraduate-level Courses

### ARCH 393. Internship in Archaeology. 3-6 Credits.

Permission of the instructor and the director of undergraduate studies. Internships combine substantive work experience with an academic project.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading status:** Letter grade.

### ARCH 395. Research in Archaeology. 1-6 Credits.

Permission of the instructor. For students who wish to participate in laboratory or field research programs. May be taken twice.

**Repeat rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading status:** Letter grade.

### ARCH 396. Independent Study in Archaeology. 1-6 Credits.

Permission of the instructor. Special reading and research in archaeology under the supervision of a selected instructor. May be taken twice.

**Repeat rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### ARCH 691H. Seniors Honors Thesis, Part 1. 3 Credits.

Permission of the instructor. Restricted to senior honors candidates. First semester of senior honors thesis. Independent research under the direction of an archaeology curriculum faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

### ARCH 692H. Senior Honors Thesis, Part 2. 3 Credits.

Permission of the instructor. Restricted to senior honors candidates. Second semester of senior honors thesis. Independent research under the direction of an archaeology curriculum faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Archaeology Major, B.A.

### Contact Information

#### Department of Archaeology

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108 Alumni Building, CB# 3120  
(919) 962-6574

#### C. Margaret Scarry, Chair

#### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

The undergraduate major in archaeology focuses on the systematic study of the human past through its material remains by means of the excavation, recovery, and interpretation of artifacts and other associated evidence.

## Department Programs

### Major

- Archaeology Major, B.A. (p. 189)

### Minor

- Archaeology Minor (p. 193)

## Student Learning Outcomes

Upon completion of the archaeology program, students should be able to:

- Demonstrate knowledge of the basic principles of archaeological reasoning (the ability to analyze ancient material culture and archaeological contexts)
- Demonstrate appropriate skills of archaeological exposition
- Demonstrate proficiency in recovering and documenting a variety of forms of material culture and archaeological contexts
- Demonstrate the ability to utilize both data sets and theoretical frameworks for interpreting and reconstructing long-term human history

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses

- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One course in the logic of archaeological inference:		3
ANTH 220	Principles of Archaeology	
ANTH 291	Archaeological Theory and Practice	
CLAR 411	Archaeological Field Methods	
Two courses in archaeological practice.		6-10
One must be a laboratory course:		
ANTH 410	The Identification and Analysis of Historical Artifacts	
ANTH 411	Laboratory Methods in Archaeology <sup>H</sup>	
ANTH 413 & 413L	Laboratory Methods: Archaeobotany and Archaeobotany Lab	
ANTH 414 & 414L	Laboratory Methods: Human Osteology and Human Osteology Lab	
ANTH 415 & 415L	Laboratory Methods: Zooarchaeology and Zooarchaeology Lab	
ANTH 416	Bioarchaeology	
ANTH 417 & 417L	Laboratory Methods: Lithic Seminar and Lithic Analysis Lab	
ANTH 418	Laboratory Methods: Ceramic Analysis	
ANTH 425	Public Archaeology Practicum	
One must be a field school (may be satisfied with a minimum of 3 hours of transfer credit):		
ANTH 451	Field School in North American Archaeology <sup>H</sup>	
ANTH 453	Field School in South American Archaeology <sup>H</sup>	
CLAR 650	Field School in Classical Archaeology	
One course in comparative perspectives from the following list:		3
ANTH 121	Ancient Cities of the Americas	
ANTH 123	Habitat and Humanity	
ANTH 145	Introduction to World Prehistory	
ANTH 222	Prehistoric Art	
ANTH 456	Archaeology and Ethnography of Small-Scale Societies	
ANTH 468	State Formation	
ANTH 551	Origins of Agriculture in the Ancient World	
CLAR 50	First-Year Seminar: Art in the Ancient City <sup>H</sup>	
CLAR 120	Ancient Cities <sup>H</sup>	
Two courses in long-term history from the list below		6
One course in topics in archaeology from the list below		3
One elective course chosen from any of the courses/requirements listed above. Internship, independent research, directed readings, or honors thesis hours selected from ARCH 393, ARCH 395, ARCH 396, ARCH 691H, or ARCH 692H may be substituted for the elective.		3

Two additional electives from related fields (see lists below). The elective courses are listed by potential student interest. Any two may be used to fulfill the major requirement. 6

Total Hours 30-34

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Additional Requirements

- In choosing their comparative perspectives, long-term history, and topics in archaeology courses students are required to select courses from at least two of the participating departments (art, anthropology, classics, and religious studies).
- Of the 30 hours required for the major, at least 21 must be completed with a grade of C or better.
- Students may count only three introductory archaeology courses (numbered below 200) toward their major. This restriction does not include courses used to fill electives in related fields.
- For transfer students, at least half of the coursework in the major must be completed within the curriculum at UNC–Chapel Hill.

Subject to the approval of the advisor for the major, students may count graduate seminars towards fulfillment of their comparative perspectives, long-term history, and topics in archaeology or electives requirements. Also subject to the approval of the archaeology major advisor, field schools sponsored by Study Abroad or other universities may be used to fulfill the archaeological practice field experience requirement.

## Long-term History

Code	Title	Hours
ANTH 148	Human Origins	3
ANTH 231	Archaeology of South America	3
ANTH 233	Prehistory of Southwest Asia and Egypt: From the Earliest Humans to the Rise of Civilization	3
ANTH 250	Archaeology of North America <sup>H</sup>	3
ANTH 457	Perspectives in Historical Archaeology	3
ARTH/CLAR 262	Art of Classical Greece	3
ARTH/CLAR 263	Roman Art	3
ARTH/CLAR 460	Greek Painting	3
CLAR 241	Archaeology of Ancient Near East	3
CLAR 242	Archaeology of Egypt	3
CLAR 244	Greek Archaeology	3
CLAR 245	Archaeology of Italy	3
CLAR 247	Roman Archaeology	3
CLAR 268	Hellenistic Art and Archaeology (350-31 BCE)	3
CLAR 480	Egypt after the Pharaohs	3
CLAR 475	Frontiers and Provinces of the Roman Empire	3
CLAR 561	Mosaics: The Art of Mosaic in Greece, Rome, and Byzantium	3
CLAR/JWST/RELI 110	The Archaeology of Palestine in the New Testament Period	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Topics in Archaeology

Code	Title	Hours
AMST/ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3
ANTH 50	First-Year Seminar: Skeletons in the Closet	3
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3
ANTH 64	First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	3
ANTH 65	First-Year Seminar: Humans and Animals: Anthropological Perspectives	3
ANTH 144	Archaeology and the Media	3
ANTH 149	Great Discoveries in Archaeology	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 252	Archaeology of Food	3
ANTH 412	Paleoanthropology	3
ANTH 420	Public Archaeology	3
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	3
ANTH 454	The Archaeology of African Diasporas	3
ANTH 538	Disease and Discrimination in Colonial Atlantic America	3
ANTH 550	Archaeology of the American South	3
ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations	3
ANTH 651	Identity, Memory, and the Afterlife: The Space and Place of Death	3
ANTH 674	Issues in Cultural Heritage	3
ANTH/ENEC 460	Historical Ecology	3
ANTH/FOLK 455	Ethnohistory	3
ANTH/GEOL 421	Archaeological Geology	3
ANTH/WGST 458	Archaeology of Sex and Gender	3
ARTH/CLAR 461	Archaic Greek Sculpture	3
ARTH/CLAR 462	Classical Greek Sculpture	3
ARTH/CLAR 463	Hellenistic Greek Sculpture	3
ARTH/CLAR 464	Greek Architecture	3
ARTH/CLAR 465	Architecture of Etruria and Rome	3
ARTH/CLAR 474	Roman Sculpture	3
ARTH/CLAR 476	Roman Painting	3
CLAR 51	First-Year Seminar: Who Owns the Past? <sup>H</sup>	3
CLAR 243	Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3
CLAR 488	The Archaeology of the Near East in the Iron Age	3
CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages	3
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	3
CLAR/JWST/RELI 512	Ancient Synagogues	3
CLAR/RELI 375	Archaeology of Cult	3
CLAS 71	First-Year Seminar: The Architecture of Empire <sup>H</sup>	3
LING 558	Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3



RELI 63 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls 3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Electives—General Interest Electives

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 151	Anthropological Perspectives on Food and Culture	3
ANTH 377	European Societies	3
ANTH 438	Religion, Nature, and Environment <sup>H</sup>	3
ANTH 452	The Past in the Present	3
ANTH 459	Ecological Anthropology	3
ANTH/FOLK 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3
ARTH 151	History of Western Art I <sup>H</sup>	3
ARTH 152	History of Western Art II <sup>H</sup>	3
ARTH 450	The City as Monument <sup>H</sup>	3
ARTH 551	Introduction to Museum Studies	3
ARTH 592	History and Theory of Museums	3
ARTH/HIST 514	Monuments and Memory	3
ARTS 213	Ceramic I	3
BIOL/ENEC 461	Fundamentals of Ecology	4
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 308	Environmental History	3
ENEC 479	Landscape Analysis	3
ENEC/GEOL 417	Geomorphology	3
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 123	Cultural Geography	3
GEOG 125	Cultural Landscapes	3
GEOG 228	Urban Geography	3
GEOG 370	Introduction to Geographic Information	3
GEOG 419	Field Methods in Physical Geography	3
GEOG 444	Landscape Biogeography	3
GEOG 597	Ecological Modeling	3
GEOG/PLAN 491	Introduction to GIS	3
GEOL 77	First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence	3
GEOL 101	Planet Earth	3
GEOL 301	Earth Materials: Minerals	4
GEOL 304	Petrology and Plate Tectonics	4
GEOL 501	Geological Research Techniques	3
HIST 514	Monuments and Memory	3
HIST 671	Introduction to Public History	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Electives—Appropriate for Students Interested in Historical Archaeology

Code	Title	Hours
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 211	African Art and Culture	3
AAAD 231	African American History since 1865	3
AAAD 254	Blacks in North Carolina	3
AAAD 232/WGST 266	Black Women in America	3
AMST 102	Myth and History in American Memory	3
AMST 210	Approaches to Southern Studies: A Historical Analysis of the American South	3
AMST 475	Documenting Communities <sup>H</sup>	3
AMST/FOLK 488	No Place like Home: Material Culture of the American South	3
ANTH/FOLK 340	Southern Styles, Southern Cultures	4
ARTH 156	Introduction to Architecture <sup>H</sup>	3
ARTH 274	European Baroque Art	3
ARTH 275	18th-Century Art	3
FOLK/GEOG 454	Historical Geography of the United States	3
GEOG 261	The South	3
GEOG 262	Geography of North Carolina	3
HIST 107	Medieval History	3
HIST 127	American History to 1865	3
HIST 128	American History since 1865	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 366	North Carolina History before 1865	3
HIST 376	History of African Americans to 1865	3
HIST 516	Historical Time <sup>H</sup>	3
HIST 531	History of the Caribbean	3
HIST 534	The African Diaspora	3
HIST 561	The American Colonial Experience	3
HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
HIST/WGST 568	Women in the South	3
HIST/WGST 569	African American Women's History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Electives—Appropriate for Students Interested in the Archaeology of the Americas

Code	Title	Hours
AMST 203	Approaches to American Indian Studies	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3
AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3
AMST/HIST 231	Native American History: The East	3
AMST/HIST 233	Native American History: The West	3
ANTH/FOLK 230	Native American Cultures	3
ANTH/LING 303	Native Languages of the Americas	3

ARTH 157	Introduction to Latin American Visual Culture	3
ARTH 469	Art of the Aztec Empire	3
GEOG 259	Geography of Latin America	3
GEOG 260	North America's Landscapes	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
HIST 531	History of the Caribbean	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
LTAM 411	Summer Intensive Introductory Course in Yucatec Maya	6

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Electives—Appropriate for Students Interested in the Archaeology of the Mediterranean and Ancient Near East

Code	Title	Hours
ARTH 467	Celtic Art and Cultures	3
CLAS 71	First-Year Seminar: The Architecture of Empire <sup>H</sup>	3
CLAS 73	First-Year Seminar: Life in Ancient Pompeii <sup>H</sup>	3
CLAS 253	The Age of Pericles <sup>H</sup>	3
CLAS 254	Alexander and the Age of Hellenism	3
CLAS 257	The Age of Augustus <sup>H</sup>	3
CLAS 258	The Age of the Early Roman Empire	3
CLAS/WGST 240	Women in Greek Art and Literature <sup>H</sup>	3
CLAS/WGST 241	Women in Ancient Rome <sup>H</sup>	3
FOLK/RELI 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3
HIST 225	History of Greece	3
HIST 226	History of Rome	3
HIST 423	Archaic Greece, 800-480 BCE	3
HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
HIST 425	Roman History, 154 BCE-14 CE	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3
HIST/PWAD 421	Alexander	3
HIST/PWAD 422	Ancient Greek Warfare <sup>H</sup>	3
JWST/RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
JWST/RELI 106	Introduction to Early Judaism	3
JWST/RELI 503	Exploring the Dead Sea Scrolls	3
RELI 104	Introduction to the New Testament <sup>H</sup>	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
RELI 117	Culture of the Ancient Near East	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Archaeology Honors in Archaeology

Students with a grade point average of 3.3 or higher are eligible to pursue a degree with honors. A student who wishes to take this track should identify and contact a faculty thesis advisor before the end of the junior year. During the senior year the student enrolls in a two-semester course sequence, ARCH 691H and ARCH 692H, which provides the opportunity to carry out an independent research project and write a thesis under the direction of the faculty advisor. Prior to registering for the honors courses, the student and faculty mentor must fill out a contract and have it signed by the curriculum's director of undergraduate studies. The thesis is evaluated by a committee consisting of the advisor and two readers. The advisor and at least one reader must be members of the Curriculum in Archaeology's faculty. A student who successfully completes the thesis may be awarded honors or highest honors by the committee. Highest honors is awarded only in cases where the thesis is judged to be exceptional in comparison to other such works.

### Research Laboratories of Archaeology

Founded in 1939, the Research Laboratories of Archaeology (RLA) was the first center for the study of North Carolina archaeology. Serving the interests of students, scholars, and the general public, it is currently one of the leading institutes for archaeological teaching and research in the South. Located within the College of Arts and Sciences, it provides support and research opportunities for UNC-Chapel Hill students working not only in North Carolina but also throughout the Americas and overseas.

### Duke-UNC Consortium for Classical and Mediterranean Archaeology (CCMA)

The Duke-UNC Consortium for Classical and Mediterranean Archaeology represents a collaboration between the institutions in order to enhance archaeology curricula and concentrations in the respective departments and programs in archaeology. The consortium fosters an interdisciplinary dialogue on methods, theory, and practice in classical archaeology and material culture, providing students access to coursework, seminars, excavations, and other research opportunities; academic advising; and avenues for curricular and extracurricular interaction.

### Experiential Education

The development of skills and perspectives beyond the classroom is considered central to the curriculum in archaeology. Hands-on training in field archeology provides students with the basic tools not only necessary for graduate training and advanced research in archaeology, but also for careers in cultural resource and heritage management through government agencies, contract firms, and museums. Developing an understanding of context and physical environment in archaeology requires field and laboratory experiences that are impossible to teach effectively in the classroom. Excavation and laboratory experiences allow students to participate directly in faculty research and to learn firsthand important aspects of the research process. Two or more field schools in archaeology are generally offered during summer sessions through the Study Abroad Office by faculty from the departments of anthropology, classics, religious studies, and history. In addition, many faculty research associates offer laboratory experiences through independent study projects and internships. These field work and laboratory experiences are designed to enhance the classroom training, allowing students to work as assistants to field archaeologists and specialists—such as surveyors, archaeological architects, palaeoethnobotanists, zooarchaeologists, biological anthropologists, and geomorphologists—learning firsthand

various aspects of data recovery, processing, and interpretation associated with archaeological field projects.

## Archaeology Minor

### Contact Information

#### Department of Archaeology

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108 Alumni Building, CB# 3120  
(919) 962-6574

#### C. Margaret Scarry, Chair

#### Anna Agbe-Davies, Director of Undergraduate Studies

[agbe-davies@unc.edu](mailto:agbe-davies@unc.edu)

The minor in archaeology draws on a number of disciplines and departments—principally anthropology, classics, and art—in the study of the ancient world, the reconstruction of past lifeways, and the interpretation of ancient social, political, and economic systems.

The minor helps prepare students for graduate study in anthropological archaeology, classical archaeology, cultural resource management, and historical preservation. It also provides any student with a strong intellectual interest in archaeology with a structured introduction to this field. Students interested in the minor in archaeology may contact the Director of Undergraduate Studies and consult the Web site (<http://archaeology.sites.unc.edu/home/ca>).

## Department Programs

### Major

- Archaeology Major, B.A. (p. 189)

### Minor

- Archaeology Minor (p. 193)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Two core courses (no more than one of which is a field school) from the following list: 6-9		
ANTH 220	Principles of Archaeology	
ANTH 291	Archaeological Theory and Practice	
ANTH 425	Public Archaeology Practicum	
ANTH 451	Field School in North American Archaeology <sup>H</sup>	
ANTH 453	Field School in South American Archaeology <sup>H</sup>	
CLAR 411	Archaeological Field Methods	
CLAR 650	Field School in Classical Archaeology	
One comparative course from the following list: 3		

ANTH 121	Ancient Cities of the Americas	
ANTH 123	Habitat and Humanity	
ANTH 145	Introduction to World Prehistory	
ANTH 222	Prehistoric Art	
ANTH 456	Archaeology and Ethnography of Small-Scale Societies	
ANTH 468	State Formation	
ANTH 551	Origins of Agriculture in the Ancient World	
CLAR 50	First-Year Seminar: Art in the Ancient City <sup>H</sup>	
CLAR 120	Ancient Cities <sup>H</sup>	
One area-studies course from the list below		3
One topical course from the list below		3
<b>Total Hours</b>		<b>15-18</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Additional Requirements

- The courses used to satisfy these requirements must come from at least two departments.
- Three of the courses must be numbered 200 or above and come from two different divisions.
  - Courses in the Division of the Humanities include AMST (<http://catalog.unc.edu/courses/amst>), CLAR (<http://catalog.unc.edu/courses/clar>), CLAS (<http://catalog.unc.edu/courses/clas>), LING (<http://catalog.unc.edu/courses/ling>), and RELI (<http://catalog.unc.edu/courses/reli>).
  - Courses in the Division of the Social and Behavioral Sciences include ANTH (<http://catalog.unc.edu/courses/anth>) and ARCH (<http://catalog.unc.edu/courses/arch>).
- At least one course must be numbered 300 or above.

## Area-studies Course

Code	Title	Hours
ANTH 231	Archaeology of South America	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 233	Prehistory of Southwest Asia and Egypt: From the Earliest Humans to the Rise of Civilization	3
ANTH 250	Archaeology of North America <sup>H</sup>	3
ANTH 457	Perspectives in Historical Archaeology	3
ANTH 550	Archaeology of the American South	3
CLAR 241	Archaeology of Ancient Near East	3
CLAR 242	Archaeology of Egypt	3
CLAR 243	Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3
CLAR 244	Greek Archaeology	3
CLAR 245	Archaeology of Italy	3
CLAR 247	Roman Archaeology	3
CLAR 262	Art of Classical Greece	3
CLAR 268	Hellenistic Art and Archaeology (350-31 BCE)	3
CLAR 375	Archaeology of Cult	3
CLAR 464	Greek Architecture	3
CLAR 465	Architecture of Etruria and Rome	3
CLAR 475	Frontiers and Provinces of the Roman Empire	3

CLAR 480	Egypt after the Pharaohs	3	ARCH 396	Independent Study in Archaeology	1-6
CLAR 488	The Archaeology of the Near East in the Iron Age	3	ARTH/CLAR 263	Roman Art	3
CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages	3	ARTH/CLAR 460	Greek Painting	3
CLAR 491	The Archaeology of Early Greece (1200-500 BCE)	3	ARTH/CLAR 461	Archaic Greek Sculpture	3
CLAR/JWST/ RELI 110	The Archaeology of Palestine in the New Testament Period	3	ARTH/CLAR 462	Classical Greek Sculpture	3
			ARTH/CLAR 463	Hellenistic Greek Sculpture	3
			ARTH/CLAR 474	Roman Sculpture	3
			ARTH/CLAR 476	Roman Painting	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Topical Course

Code	Title	Hours	Code	Title	Hours
AMST/ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3	CLAR 51	First-Year Seminar: Who Owns the Past? <sup>H</sup>	3
ANTH 50	First-Year Seminar: Skeletons in the Closet	3	CLAS 71	First-Year Seminar: The Architecture of Empire <sup>H</sup>	3
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3	LING 558	Ancient Mayan Hieroglyphs	3
ANTH 64	First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	3	LING 560	Mesoamerican Languages and Linguistics	3
ANTH 65	First-Year Seminar: Humans and Animals: Anthropological Perspectives	3	LING 561	Native Languages of the Americas	3
ANTH 143	Human Evolution and Adaptation	3	RELI 63	First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
ANTH 144	Archaeology and the Media	3	RELI 512	Ancient Synagogues	3
ANTH 148	Human Origins	3			
ANTH 149	Great Discoveries in Archaeology	3			
ANTH 252	Archaeology of Food	3			
ANTH 410	The Identification and Analysis of Historical Artifacts	3			
ANTH 411	Laboratory Methods in Archaeology <sup>H</sup>	3			
ANTH 412	Paleoanthropology	3			
ANTH 413	Laboratory Methods: Archaeobotany	3			
ANTH 414	Laboratory Methods: Human Osteology	3			
ANTH 415	Laboratory Methods: Zooarchaeology	3			
ANTH 416	Bioarchaeology	3			
ANTH 417	Laboratory Methods: Lithic Seminar	3			
ANTH 418	Laboratory Methods: Ceramic Analysis	3			
ANTH 420	Public Archaeology	3			
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	3			
ANTH 454	The Archaeology of African Diasporas	3			
ANTH 455	Ethnohistory	3			
ANTH 458	Archaeology of Sex and Gender	3			
ANTH 460	Historical Ecology	3			
ANTH 538	Disease and Discrimination in Colonial Atlantic America	3			
ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations	3			
ANTH 651	Identity, Memory, and the Afterlife: The Space and Place of Death	3			
ANTH 674	Issues in Cultural Heritage	3			
ANTH/GEOL 421	Archaeological Geology	3			
ARCH 393	Internship in Archaeology	3-6			
ARCH 395	Research in Archaeology	1-6			

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See program page here (p. 192) for special opportunities.

# DEPARTMENT OF ART

## Contact Information

### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)

101 Hanes Art Center, CB# 3405

(919) 962-2015

### Carol Magee, Chair

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

### Yulianna Aparicio, Student Services

[yulipo@email.unc.edu](mailto:yulipo@email.unc.edu)

## Introduction

The Department of Art and Art History at UNC–Chapel Hill fosters exchange among creative endeavor, scholarly investigation, and bold expression, through faculty research, graduate student training, undergraduate programs, and public events. The department aims to be an integral part of the University community dedicated to free inquiry that is pursued through both the arts and sciences and expressed in objects, images and text.

Through an innovative and rigorous curriculum, students learn the critical skills of creative problem solving and self-expression. The undergraduate programs aim to help students articulate their individual perspectives on values and beliefs while discovering their places in a society that is increasingly shaped by visual communications, technology, and globalization. To do so, students develop their creative and scholarly vision and the technical skills to express that vision through their works of art and writing. The highly rated graduate programs in art history and studio art promote these ideals on an advanced level, and have proven their effectiveness through the post-graduate placement and national awards that students receive.

- **Mission:** Make | Frame | Reveal
- **Vision:** Thinking and Creating across Boundaries
- **Values:** The curiosity, empathy, and courage to engage diverse perspectives

As a department, we are committed to working closely with our students and to guiding them in developing an individual voice. We cultivate exchange between studio art and art history and offer maximum flexibility within our individual programs.

Majors and minors in art history become acquainted with the historical significance, cultural diversity, and intellectual richness of human artistic traditions, enabling students to investigate the complex roles played by the arts in a variety of social contexts.

The studio art program offers three different degree programs for majors as well as a minor, and each encourages experimentation, crossing boundaries, and hybrid processes as well as engaging the history and traditions of art. Through directed practice and creative research, faculty work closely with students to stimulate aesthetic and intellectual inquiry, impart portable skills, and motivate self-exploration to help students create outstanding works of art.

Students may choose from a range of studio coursework designed to develop both skills and a personal creative vision. Students develop two critical skills: the means of self-expression and techniques for creative

thinking. While the undergraduate program focuses on the fine arts, the course of study nonetheless offers a sound foundation for students to move into art education, design fields, and other art-related careers as well as preparation for further study or careers in the fine arts.

## Credit by Examination

### ART HISTORY

Students who pass the Advanced Placement (AP) examination in art history and earn a score of 5 will receive credit for ARTH 152.

### STUDIO ART

The Studio Art program awards placement only (PL) for work done in the Advanced Placement (AP) and International Baccalaureate (IB) programs. Students who pass the AP portfolio exam for 2-D Design, 3-D Design or Drawing with a score of 4 or 5 receive placement for ARTS 102, ARTS 103, or ARTS 104 respectively. Students earning a score of 6 or higher on the IB portfolio receive placement for ARTS 104. Placement effectively means that students can waive ARTS 102, 103 or 104 prerequisites.

### Advanced Placement by Portfolio Review

Students who score a 3 on AP portfolios or 5 on the IB may petition for a portfolio review to determine if they can waive ARTS 102 or ARTS 104 requirements. In addition to these threshold scores, art majors who have broad experience in visual art may petition to waive some prerequisites by submitting a portfolio for review. If the review is successful, students receive placement only. Students then substitute any other ARTS coursework to satisfy the total credit hours required in the major. Portfolio requirements are modeled after the College Board Advanced Placement portfolios. These guidelines are available from the director of undergraduate studies in studio art, the student services specialist, or on the art majors' Sakai site. Portfolios are reviewed annually in September only. Contact the director of undergraduate studies in studio art at the beginning of the fall semester to make arrangements for submitting a portfolio.

## Advising

### TWO ADVISORS

All majors and minors have two advisors; a primary academic advisor in Steele Building and departmental advisors for program-specific planning. Students are strongly encouraged to meet regularly with both advisors and review their Tar Heel Tracker each semester. The undergraduate advisors in art history and studio art work with current and prospective majors and minors by appointment. On request, art history majors may be assigned an individual faculty advisor. Departmental academic advising is particularly important for those majors who are considering honors thesis work or graduate school.

### INFORMATION, ANNOUNCEMENTS, AND SESSIONS

If in any semester curricular opportunities or changes are relevant to all majors and minors in either programmatic area of the department, students receive an advisory announcement with relevant details via the art and art history majors' listserv. When issues are larger than can be accommodated by electronic communication, general advising sessions are scheduled prior to registration. Students are strongly encouraged to attend such sessions since questions of collective relevance often arise. Basic details are also posted on the majors' Sakai site.

Additionally, special information sessions are held periodically to guide students on awards, study abroad, internships, and research opportunities (especially the Summer Undergraduate Research Fellowships). These sessions are announced via the majors' listserv and



on the majors' Sakai site, as well as by posters in the Hanes Art Center and Art Lab.

## Facilities

### CLASSROOMS AND STUDIOS

The department possesses outstanding facilities for the teaching of both art history and studio art in the Hanes Art Center. The building houses state-of-the-art facilities for image projection required in art history. Specialized classrooms for art practice include large studios for painting, drawing, and mixed media. A dedicated space is available for installation projects. The John C. Henry Printmaking Studio is a wonderfully spacious 3,325-square-foot laboratory providing ambient workspace for a variety of printmaking processes. Studios for photography include both darkroom (black and white) and digital photography and a dedicated shooting studio. The digital laboratories at UNC–Chapel Hill are Mac-based, with the most current software needed for work in photography (including large-scale output), video, and digital/electronic media. UNC also provides access to the entire Adobe Creative Suite for all students. Students enrolled in studio art classes have 24-hour access to these laboratories. In addition, the 17,686-square-foot Art Lab, located 1.8 miles north of the Hanes Art Center (108 Airport Drive), houses the department's sculpture and ceramic facilities.

In addition to the departmental classroom spaces, the Hanes Art Center also houses one of the BeAM (Be A Maker) makerspaces at UNC. The BeAM space at Hanes is equipped with a variety of hand tools and some wonderful high-tech machines including a vinyl cutter, 3-D printers, a laser cutter, and a CNC router. All of this is provided at no charge to students.

### LIBRARIES

Department of Art and Art History resources also include the Joseph C. Sloane Art Library with its collection of 100,000 volumes, which is supplemented by the University's academic affairs libraries, with holdings of more than six million volumes. The department also has a Visual Resources Library, which oversees almost 300,000 slides and digital images for use in teaching and research.

### EXHIBITION SPACES

The John and June Allcott Galleries in the Hanes Art Center are sites for numerous exhibitions throughout the year. The main gallery has an exhibition schedule of 12 to 15 shows each year, showing work by professional artists, faculty, and students. For a large portion of the spring semester, this gallery is dedicated to M.F.A. thesis exhibitions. The John and June Allcott Undergraduate Gallery is the exhibition space designed especially for work produced or chosen by undergraduate students. Both galleries are periodically used as an incubator space by the Curatorial Practices class where students explore concepts and logistics of curating exhibitions. The Hanes Art Center also houses the SAMple gallery. This space run by the Studio Art Majors Association (SAMA) to showcase work by SAMA members.

The Alumni Sculpture Garden occupies the grounds surrounding the Hanes Art Center. Temporary exhibitions of sculpture are commissioned by the department and are on display for a two-year period. Commissions are awarded annually to undergraduate and graduate students.

The Ackland Art Museum is located adjacent to the Hanes Art Center. The Ackland's programming regularly augments the educational experience of the University community.

### Majors

- Art History Major, B.A. (p. 212)

- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Professors

Christoph Brachmann, S. Elizabeth Grabowski, Jim Hirschfield, Yun-Dong Nam, Victoria Rovine, Daniel J. Sherman, elin o'Hara slavick.

## Associate Professors

John Bowles, Eduardo Douglas, Sabine Gruffat, Cary Levine, Carol Magee, Mario Marzan, Mary Pardo, Roxana Pérez-Méndez, Tatiana String, Hong-An Truong, Dorothy Verkerk, Lyneise Williams.

## Assistant Professors

Maggie Cao, Lien Truong.

## Lecturers

Jennifer J. Bauer, Joy Cox, Gesche Wüerful.

## Adjunct Professor

Bernard Herman.

## Adjunct Associate Professors

Peter Nisbet (Ackland Art Museum).

## Adjunct Assistant Professors

Carolyn Allmendinger (Ackland Art Museum), Ross Barrett (Boston University), Hérica Valladares (Classics).

## Professors Emeriti

Jaroslav T. Folda, Arthur Marks, Jerry Noe, Marvin Saltzman, Mary C. Sturgeon, Dennis Zaborowski.

## ARTH—Art History

### Undergraduate-level Courses

#### **ARTH 51. First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450). 3 Credits.**

The seminar explores Gothic church and secular art and architecture in France and Europe between c. 1130 and c.1450. It focuses not only on the formal and artistic progresses in architecture, sculpture, and stained glass windows during this period, but also on the social, political, and economic aspects of medieval society that affected these developments.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

#### **ARTH 52. First-Year Seminar: Celts--Druid Culture. 3 Credits.**

Who were the Celts, and more specifically, who were the Druids? Little is known about the ancient Druids, yet they have captured the imagination of Western Europeans and North Americans for centuries. They have defined ethnic identity for disparate cultures. So who were they, and who are they today?

**Gen Ed:** WB.

**Grading status:** Letter grade.

#### **ARTH 52H. First-Year Seminar: Celts--Druid Culture. 3 Credits.**

Who were the Celts, and more specifically, who were the Druids? Little is known about the ancient Druids, yet they have captured the imagination of Western Europeans and North Americans for centuries. They have defined ethnic identity for disparate cultures. So who were they, and who are they today?

**Gen Ed:** WB.

**Grading status:** Letter grade.

#### **ARTH 53. First-Year Seminar: Art and the Body. 3 Credits.**

This course will examine presentations and representations of the body in Western art and how such portrayals relate to their social, cultural, and political contexts.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

#### **ARTH 54. First-Year Seminar: Art, War, and Revolution. 3 Credits.**

Focusing on one or two works of art per week in a variety of media, this course explores the complex relationship between art, war, and conflict in the modern world.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

#### **ARTH 54H. First-Year Seminar: Art, War, and Revolution. 3 Credits.**

Focusing on one or two works of art per week in a variety of media, this course explores the complex relationship between art, war, and conflict in the modern world.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

#### **ARTH 55. First-Year Seminar: Art, Gender, and Power in Early Modern Europe. 3 Credits.**

This first-year seminar introduces students to some of the issues related to representations of western European men and women in the period 1400-1700. Portraits, mythological and biblical imagery, and even architecture will be studied for their attention to gender.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

#### **ARTH 55H. First-Year Seminar: Art, Gender, and Power in Early Modern Europe. 3 Credits.**

This first-year seminar introduces students to some of the issues related to representations of western European men and women in the period 1400-1700. Portraits, mythological and biblical imagery, and even architecture will be studied for their attention to gender.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

#### **ARTH 56. First-Year Seminar: Lives of East Asian Artworks at the Ackland Art Museum. 3 Credits.**

This course traces the "lives" of East Asian artworks as to how they entered the Ackland Art Museum, transformed, and became part of its collection, as well as related issues.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

#### **ARTH 56H. First-Year Seminar: Lives of East Asian Artworks at the Ackland Art Museum. 3 Credits.**

This course traces the "lives" of East Asian artworks as to how they entered the Ackland Art Museum, transformed, and became part of its collection, as well as related issues.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

#### **ARTH 61. First-Year Seminar: African American Art of the Carolinas. 3 Credits.**

This course explores the visual arts created by African Americans living and working in the Carolinas from the era of plantation slavery through the 20th century.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

#### **ARTH 64. First-Year Seminar: Picturing Nature. 3 Credits.**

This seminar focuses on how the collecting and study of natural and aesthetic wonders shaped ideas about knowledge in the arts and sciences.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

#### **ARTH 66. First-Year Seminar: Art, Money, and the Market. 3 Credits.**

This seminar explores the complex relationship between art and economy in the age of capitalism, focusing on artworks that interpret market activities and address the subject of economic value.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

#### **ARTH 77. First-Year Seminar: Seeing the Past. 3 Credits.**

This seminar will introduce students to practices of critical analysis that inform academic work in all the core humanistic disciplines: how do we ask analytical questions about texts, artwork, and other cultural artifacts that come down to us from the past or circulate in our own culture?

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTH 79. First-Year Seminar: Meaning and the Visual Arts. 3 Credits.**

In the course of the semester, each student will learn to become an art historian. Students will undertake a series of viewing, research, and writing exercises, which will culminate in the production of an exhibition catalogue on world art titled "In the Eye of the Beholder."

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 79H. First-Year Seminar: Meaning and the Visual Arts. 3 Credits.**

In the course of the semester, each student will learn to become an art historian. Students will undertake a series of viewing, research, and writing exercises, which will culminate in the production of an exhibition catalogue on world art titled "In the Eye of the Beholder."

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 80. First-Year Seminar: Islamic Art and Science. 3 Credits.**

Explores the intersection of science and Islamic visual arts (manuscript painting, architecture, objects, material culture). Course teaches visual analysis and interpretation, and experiments with digital humanities approaches.

**Gen Ed:** BN, CI, GL.

**Grading status:** Letter grade.

**ARTH 84. First-Year Seminar: Society of the Spectacle: Impressionism and Post-Impressionism. 3 Credits.**

Students will pay special attention to recent historical and theoretical studies of Impressionist and post-Impressionist painting, as well as selected French novels of the period.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 85. First-Year Seminar: Art and Technology. 3 Credits.**

This course examines the relationships between the history of technology and artistic practice. Our conception of "technology" is broad, extending beyond mere tools to include a host of apparatuses and their relationships to perception, experience, representation, and communication. This course will explore the impacts of technological innovation on society and culture, and vice versa, along with the ways in which artists have addressed, responded to, and critiqued technological progress and invention.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTH 89H. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTH 111. Art and Death. 3 Credits.**

The course covers medieval/early modern artifacts connected to the phenomenon of death as well as the diversity of donations for individual commemoration in Europe. It will explore the social, political, and economic aspects of the societies that affected these phenomena. Invited speakers will open up the perspective to other cultures and time periods.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 112. The Art of Animals: Africa and Beyond. 3 Credits.**

This class views the relationship between humans and animals through works of art. Drawing examples from cultures across the world, we address animals as symbols of leadership, beauty, and extraordinary powers. Elephants, leopards, spiders, and dogs of all kinds, along with many other mammals, reptiles, birds, and insects will be studied.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 113. Art and Sports in the Americas. 3 Credits.**

Representations of sports tell us a lot about artistic, historic, and contemporary Latin America, the Caribbean, and the United States. This course focuses on depictions of sports in these regions and the varied meanings they communicate.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**ARTH 150. World Art. 3 Credits.**

This course provides an introductory survey of some of the major traditions of art making throughout the world, from prehistory to the present.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 150H. World Art. 3 Credits.**

This course provides an introductory survey of some of the major traditions of art making throughout the world, from prehistory to the present.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 151. History of Western Art I. 3 Credits.**

This is the first semester of a two-semester survey that is designed to acquaint the beginning student with the historical development of art and with the offerings and instructors of the art history faculty. ARTH 151 covers ancient, medieval, and early Renaissance periods.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 151H. History of Western Art I. 3 Credits.**

This is the first semester of a two-semester survey that is designed to acquaint the beginning student with the historical development of art and with the offerings and instructors of the art history faculty. ARTH 151 covers ancient, medieval, and early Renaissance periods.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 152. History of Western Art II. 3 Credits.**

This is the second semester of the two-semester survey course including Western art from the Renaissance to the modern period. ARTH 151 is not a prerequisite for ARTH 152.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 152H. History of Western Art II. 3 Credits.**

This is the second semester of the two-semester survey course including Western art from the Renaissance to modern art. ARTH 151 is not a prerequisite for ARTH 152.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 153. Introduction to South Asian Art. 3 Credits.**

An introductory survey of the visual arts of South Asia.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 153.

**ARTH 154. Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE). 3 Credits.**

This course introduces the arts of the Islamic lands from the seventh-century rise of the Umayyad dynasty of Syria to the 16th-century expansion of the Ottoman Empire.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 154.

**ARTH 154H. Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE). 3 Credits.**

This course introduces the arts of the Islamic lands from the seventh-century rise of the Umayyad dynasty of Syria to the 16th-century expansion of the Ottoman Empire.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 154H.

**ARTH 155. African Art Survey. 3 Credits.**

A selective survey of sub-Saharan African art (sculpture, painting, architecture, performance, personal decoration) in myriad social contexts (ceremony, politics, royalty, domestic arenas, cross-cultural exchanges, colonialism, postcolonialism, the international art world).

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 156. Introduction to Architecture. 3 Credits.**

What is architecture? What does it do? This course is designed to encourage students to consider architecture less as something technical, existing in a separate sphere from everyday life, but as social space.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**ARTH 156H. Introduction to Architecture. 3 Credits.**

What is architecture? What does it do? This course is designed to encourage students to consider architecture less as something technical, existing in a separate sphere from everyday life, but as social space.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**ARTH 157. Introduction to Latin American Visual Culture. 3 Credits.**

This course examines manifestations of visual culture such as festivals and their related objects, comics, and painting in Latin America according to themes like indigenismo, religion, race, modernism, and identity.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 158. Introduction to East Asian Art and Architecture. 3 Credits.**

This course traces the history of art and architecture in premodern East Asia, emphasizing ideas and ways of seeing and representing that were common or different across East Asia.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** ASIA 158.

**ARTH 159. The Film Experience: Introduction to the Visual Study of Film. 3 Credits.**

A critical and historical introduction to film from a visual arts perspective. The course surveys the history of film from its inception to the present, drawing upon both foreign and American traditions.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 160. Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica. 3 Credits.**

This course introduces the art, architecture, and cultures of Pre-Hispanic Mesoamerica, from the rise of Mesoamerica's first high civilization in the second millennium BCE to the defeat of the Aztec Empire in 1521 CE.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

**ARTH 160H. Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica. 3 Credits.**

This course introduces the art, architecture, and cultures of Pre-Hispanic Mesoamerica, from the rise of Mesoamerica's first high civilization in the second millennium BCE to the defeat of the Aztec Empire in 1521 CE.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

**ARTH 161. Introduction to American Art. 3 Credits.**

This course surveys American art, architecture, and material culture from early European exploration of the Americas to the 1960s. Previously offered as ARTH 261.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 200. Art and Fashion from Rome to Timbuktu. 3 Credits.**

In the Roman Empire and in contemporary Africa, clothing reflects local symbolic systems and global trade networks. Rome is imagined as the source of Western culture, and Africa evokes distant exoticism; this course will complicate such conceptions. Through fashion we explore political, economic, and religious systems, as well as creativity.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** CLAR 200.

**ARTH 201. Making Material Histories: A Makerspace Course. 3 Credits.**

This course explores the history and technology of materials from wood and glass to steel and plastic in art, culture, and science. Students will engage with materials both through hands-on fabrication at BeAM and through researching historical debates surrounding material invention and use by artists, scientists, and industries.

**Gen Ed:** VP, EE- Field Work.

**Grading status:** Letter grade.

**ARTH 251. Art in the Age of the Caliphs. 3 Credits.**

Introduces the art and architecture of the caliphal period, concentrating on the seventh through 12th centuries (the "classical" period of Islamic art).

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 251.

**ARTH 254. Women in the Visual Arts I. 3 Credits.**

This course analyzes the role of women in Western art as art producers and consumers of art and looks at how women have been represented.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** WGST 254.

**ARTH 255. African Art and Culture. 3 Credits.**

This course explores the art and culture of sub-Saharan Africa on the levels of both production and consumption both locally and globally.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 258. Chinese Art and Culture: from Han to Tang. 3 Credits.**

This course investigates cultural and artistic complexities and diversities in medieval China, resulting from its exchanges with neighboring peoples during the period between the Han and Tang dynasties.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

**ARTH 262. Art of Classical Greece. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. A chronological study of the main development of Greek sculpture, architecture and painting from the fifth to the first centuries BCE.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** CLAR 262.

**ARTH 263. Roman Art. 3 Credits.**

The arts of Rome, particularly architecture, sculpture, and painting, preceded by a survey of Etruscan and Hellenic art and their influence on Rome.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAR 263.

**ARTH 264. Medieval Art in Western Europe. 3 Credits.**

Survey of major developments in painting and sculpture in Europe during the Latin Middle Ages (300-1400 CE).

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 265. Medieval Iconography. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Understanding the meaning of medieval art by examining the iconography of selected important works.

**Grading status:** Letter grade.

**ARTH 265H. Medieval Iconography. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Understanding the meaning of medieval art by examining the iconography of selected important works.

**Grading status:** Letter grade.

**ARTH 266. Arts of Early & Medieval Asia. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course is an introduction to the visual culture of early and medieval India.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 266.

**ARTH 267. Latin American Modernisms. 3 Credits.**

This course focuses on the relationship between the national and international and art and politics within Latin American modernist movements from ca. 1900 to 1960.

**Grading status:** Letter grade.

**ARTH 268. Hellenistic Art and Archaeology (350-31 BCE). 3 Credits.**

Survey of the archaeology of the Hellenistic Mediterranean from the time of Alexander the Great until the Roman conquest (350-31 BCE), with emphasis on art and architecture of cities and sanctuaries.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAR 268.

**ARTH 269. Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450). 3 Credits.**

This course covers the development of Gothic church and secular architecture in Europe between 1130 and 1500. It explores the formal and constructive progress in architecture (including its decoration: sculpture, stained glass windows) as well as the social, political, and economic aspects of medieval society that affected these developments.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 270. Early Renaissance Art in Italy. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. The course develops a solid acquaintance with representative aspects of Italian art from about 1250 to 1450. In alternate semesters the emphasis may change from central (Florence, Rome) to northern (Venice) Italy.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade.

**ARTH 271. High Renaissance Art in Italy. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. The course is a survey of major Italian painting from about 1490 to 1575. From semester to semester the emphasis may alternate between central Italian and Venetian/northern Italian works.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade.

**ARTH 272. Northern European Art: Van Eyck to Bruegel. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Survey of painting and sculpture ca. 1400-1600 in the Netherlands–Belgium (Flanders) and Holland—as well as France and England.

**Grading status:** Letter grade.

**ARTH 273. Arts Under the Mughal Dynasty in India. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course explores the visual culture patronized by the Mughal dynasty in India from the 11th to the 17th centuries.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 273.

**ARTH 274. European Baroque Art. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course examines 17th-century art and architecture in Europe.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade.

**ARTH 275. 18th-Century Art. 3 Credits.**

An introductory survey of architecture, sculpture, and painting with emphasis on European developments in the fine and decorative arts from the late 17th century to the Napoleonic era.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**ARTH 277. Art and Architecture of Viceregal Latin America. 3 Credits.**

This course surveys the art and architecture of Hispanophone and Lusophone America of the Viceregal period (1492-ca. 1810).

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

**ARTH 279. The Arts in England, 1450-1650. 3 Credits.**

This course explores the visual culture of England during the reigns of the Tudors and Stuarts. This will include portraits of Henry VIII, Elizabeth I, and Charles I by artists such as Holbein, Van Dyck, and Rubens, royal palaces, printed books, tomb monuments, heraldry, spectacles, as well as portraits of the middle classes.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.



**ARTH 280. Picture That: History of Photography from Tintypes to Instagram. 3 Credits.**

This course presents a select history of photography from its invention to its most recent manifestations. Global in its orientation, this course is designed thematically rather than chronologically to develop dialogues between places and ideas.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

**ARTH 281. Art of Exchange and Exploration: Early America and the Globe. 3 Credits.**

This course offers a transnational look at American visual culture. It considers the encounters, exchanges, and circulations of art, artists, and ideas across boundaries and oceans from the colonial eighteenth century to the Civil War.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 282. Modernism I: Realism, Impressionism, Post-Impressionism. 3 Credits.**

Recommended preparation, any ARTH 50-80 or 100-199. The development of European art from 1850 to 1905, with an emphasis on French avant-garde movements including realism and impressionism.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 283. Picturing Paris: 1800-2000. 3 Credits.**

This class explores the cultural, political, and artistic circumstances in which images of Paris have been made and viewed, as well as various visual technologies that have disseminated and marketed.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**ARTH 284. Modernism II: 1905-1960. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Major figures, movements, and themes of modernism from cubism and the emergence of abstraction to the transfer of artistic energy and innovation to the United States after World War II.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 285. Art Since 1960. 3 Credits.**

This course will explore major trends in Western art since 1960. It focuses on key contemporary movements and their relations to social, cultural and political contexts.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 287. African American Art Survey. 3 Credits.**

An introduction to African American art and artists and their social contexts from early slavery.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** AAAD 237.

**ARTH 288. 19th-Century American Art. 3 Credits.**

This course surveys the broad spectrum of 19th-century artistic practice in the United States, focusing on academic and popular artworks that addressed the major conflicts and crises of the period.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 289. Art in the United States, 1890-1945: American Modernisms. 3 Credits.**

This course surveys the wide field of early 20th-century American art, stressing the diverse and contested character of artistic modernism in the United States.

**Requisites:** Prerequisite, ARTH 53, 54, 61, 64, 77, 79, 84, 151, 152, 153, 154, 155, 156, 157, 158, 159, or 160.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 290. Special Topics in Art History. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Selected topics in art history.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTH 291. Art, Culture, and Power in Africa. 3 Credits.**

This course explores how power operates through objects in Africa, including royal regalia, objects used in healing and other ritual contexts, and African art as commodity in international markets.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 292. Egyptian, Near Eastern, & Aegean Art. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course surveys the ancient art and architecture of Egypt, the Near East, and the Aegean Bronze Age, from the Neolithic period to the end of the Neo-Assyrian empire.

**Grading status:** Letter grade.

**ARTH 293. Art History Practicum. 3 Credits.**

Students complete an internship in an art history related field. Students will gain practical knowledge of the practice of art history. Studio majors may use this course to fulfill an art history requirement by pursuing faculty-approved, nonpaid internships working in nonprofit or commercial art sectors.

**Gen Ed:** VP, EE- Academic Internship.

**Grading status:** Letter grade.

**ARTH 294. Arts of Southern Africa. 3 Credits.**

This course focuses on a wide range of regions, time periods, and genres in the visual arts in southern Africa, including archaeological materials, arts associated with longstanding indigenous cultures, art that reflects the often violent encounter with European cultures, and contemporary arts that are produced in the region today.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 297. Clothing and Textiles in Africa. 3 Credits.**

This class explores how dress reveals information about African aesthetics, culture, and history, including its roles in political systems, religious worship, fashion trends, and other aspects of social life.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 298. Chinese Ceramics: A Material and Visual History. 3 Credits.**

This course introduces manufacturing history of Chinese ceramics in a broader material and visual cultural context, as well as its relation to other genres of Chinese art.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 299. Arts of West Africa. 3 Credits.**

This course addresses the roles of art in the lives of West Africans who make and use it, spanning centuries of African creativity from archaeological sites to 21st-century artists.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 300. Art of African Independence. 3 Credits.**

This course focuses on African art produced in the mid-twentieth century. It promotes comparative analysis around themes of modernity, nationalism, independence, identity, and the role of the artist in society.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**ARTH 302. Fashioning Identities. 3 Credits.**

This course examines fashion and the political, social, and cultural discourses, conditions, and institutional formations used in the creation of varied social and personal identities.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 303. Art and Colonialism: France in Africa/Africa in France. 3 Credits.**

Art elucidates French and African experiences of colonial rule, as a record of political transformations and a tool for resistance and the assertion of local cultures.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 304. Islam and African Art. 3 Credits.**

People everywhere use works of art to facilitate worship, to depict spirits, and to celebrate their beliefs. Islam, a major religion in Africa, is no exception. This course focuses on Islam in African visual arts.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 330. Art and the History of Museums, 1750-2000. 3 Credits.**

Focusing on art museums in Europe and North America, this course considers the emergence and development of museums as powerful social and cultural institutions from the mid-18th century to the late 20th century. Topics include museums and national identity, museum architecture, and changing conceptions of the public.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**ARTH 340. Art and Interchange in Medieval Iberia. 3 Credits.**

Undergraduate seminar on visual arts and cultural interchange between the Muslim, Christian, and Jewish communities of medieval Spain.

Combines intensive reading and discussion with introduction to art historical research.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ARTH 351. Crusader Art. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course surveys the main works of Crusader art in order to understand their nature and development from 1099 to 1291. The Crusader monuments are set in their historical context and in relation to Byzantine and Western European art.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 352. Religious Architecture and Visual Culture in Latin America. 3 Credits.**

This course uses case studies to introduce students to the visual culture manifested in architecture, festivals, ritual spaces, clothing, and objects associated with religious practices of Latin America.

**Requisites:** Prerequisite, ARTH 157; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 353. Africa and Masks. 3 Credits.**

Examines the production, circulation, and consumption of masks in both African and non-African contexts. Expands, nuances, and sometimes undoes our notions of mask, masquerade, and masking.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade

**Same as:** AAAD 319, ANTH 343.

**ARTH 360. The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times. 3 Credits.**

Covers medieval and early modern artifacts and monuments connected with death as well as the diversity of donations for individual commemoration. Explores the social, political, and economic aspects of medieval/early modern society that affected these developments and phenomena.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 361. Saints in Medieval Art. 3 Credits.**

This course will explore the modes in which saints and issues related to sainthood are visualized in medieval art.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 362. Early Christian Art and Modern Responses. 3 Credits.**

The early Christian origins of art and architecture in domestic and public contexts of the 200-600 CE Christian communities; the 18th- and 20th-century adaptation of early Christian art.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 363. Envisioning Buddhism in Medieval China. 3 Credits.**

This course investigates different genres of Buddhist art in medieval China, produced to disseminate religion and give rise to a new religious vision and imagination.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

**ARTH 365. Late Medieval Art. 3 Credits.**

This course explores the art of the late medieval period in Byzantium and the Latin West.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 368. The Renaissance Portrait. 3 Credits.**

This course focuses on European portraits produced in the period c. 1400-1600. Through careful study of specific paintings, prints, and sculptures, by artists such as Leonardo da Vinci, Michelangelo, and Albrecht Dürer, we will explore different ways of interpreting portraiture in the Renaissance, addressing issues of identity, reception, and function.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 369. European Art and Sexuality. 3 Credits.**

Between 1400 and 1600, major European artists (Hieronymus Bosch, Leonardo da Vinci, Michelangelo, Titian, Dürer) made radical contributions to the representation of the sexual body. This course will use Northern European and Italian art as a lens for investigating Early Modern approaches to the figuration of sexuality and gender.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 370. Visual Art in the Age of Revolution. 3 Credits.**

This course focuses on the visual arts of Europe between 1750 and 1830, and addresses the political, social, cultural, and aesthetic issues pertinent to art in an age of revolution.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 383. Modern Architecture. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course will examine the history of architecture from the late 19th century to the present.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 385. Pop Art and Its Legacy. 3 Credits.**

This course will investigate what is commonly termed "pop art." We will examine the various issues at stake in the appropriation of mass media imagery and techniques, the diversity within the movement, the different arguments surrounding particular artists and artworks, and pop art's continuing legacy in work by contemporary artists.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 387. 20th-Century African American Art. 3 Credits.**

Focus on the historical development of African American art from the Harlem Renaissance of early 20th century through the Black Arts Movement and Feminist Art Movement 1960s and early 1970s.

**Gen Ed:** VP, US.

**Grading status:** Letter grade

**Same as:** AAAD 330.

**ARTH 390. Special Topics in Art History. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Selected topics in art history.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTH 391. Undergraduate Research Seminar. 3 Credits.**

Required preparation, art history major and sophomore standing or permission of the instructor. Introduces students to research in art history. Seminar involves a multi-stage research project beginning with close analysis of an art object and culminating with a research paper. Topics are drawn from ancient/medieval, early modern, and modern/contemporary art.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 396. Directed Readings in Art History. 1-3 Credits.**

Permission of the instructor. Independent study under the direction of a faculty member.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ARTH 400. German and Netherlandish Renaissance. 3 Credits.**

The course focuses on a crucial period of German and Netherlandish art around 1500, referred to as the so-called Age of Dürer, which still shows influences of Gothic art but also of new Italian Renaissance. Often based on artifacts of the Ackland Art Museum, case studies explore the interaction of artists and patrons in important art centers of the time.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 445. The Mexican Mural Renaissance, 1921-1945. 3 Credits.**

This course investigates mural painting and state patronage in post-Revolutionary Mexico, from 1921 to 1945, when artists engaged politics in monumental public works. Focuses on the murals of Diego Rivera, José Clemente Orozco, and David Alfaro Siqueiros, as well as on the relationship between art and politics.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 450. The City as Monument. 3 Credits.**

A city or cities will be considered as cultural artifact(s), with emphasis given to plans and planning, architecture, public monuments and to various institutions, such as religion, government, the arts, and commerce that initiate or affect these urban developments and forms.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 450H. The City as Monument. 3 Credits.**

A city or cities will be considered as cultural artifact(s), with emphasis given to plans and planning, architecture, public monuments and to various institutions, such as religion, government, the arts, and commerce that initiate or affect these urban developments and forms.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 451. Women in the Visual Arts II. 3 Credits.**

Discussion of topics related to the representation of women in Western art and/or women as producers of art.

**Grading status:** Letter grade

**Same as:** WGST 451.

**ARTH 452. Brazilian Modernism. 3 Credits.**

This course covers the development of modernism in the visual arts in Brazil from 1917, the year in which a Brazilian artist first exhibited "modernist" artworks in Brazil, to 1960.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARTH 453. Africa in the American Imagination. 3 Credits.**

Restricted to sophomores, juniors, and seniors. Examines the ways African art appears in United States popular culture (advertisements, magazines, toys, films, art) to generate meanings about Africa. Addresses intersecting issues of nationalism, multiculturalism, imperialism, nostalgia, race.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** AAAD 486.

**ARTH 453H. Africa in the American Imagination. 3 Credits.**

Restricted to sophomores, juniors, and seniors. Examines the ways African art appears in United States popular culture (advertisements, magazines, toys, films, art) to generate meanings about Africa. Addresses intersecting issues of nationalism, multiculturalism, imperialism, nostalgia, race.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** AAAD 486H.

**ARTH 454. Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca. 1130-1500. 3 Credits.**

Covers the development of Gothic church and secular architecture in Europe between 1130 and 1500. Explores formal and constructive progress in architecture (including sculpture and stained glass windows) and social, political, and economic aspects of medieval society that affected these developments.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 455. City, Architecture, Art: Nuremberg as a European Artistic Center, 1300-1600. 3 Credits.**

The course covers the development of art and architecture from ca. 1300 to ca. 1600 in one of the most important medieval and early modern art centers in Europe: Nuremberg, the hometown of the famous German painter Albrecht Dürer (1471-1528).

**Requisites:** Prerequisite, ARTH 151; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTH 456. Art and Visual Culture of South Asia. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This thematic course explores how objects and monuments are viewed, experienced, and used in a ritual context in South Asia.

**Grading status:** Letter grade

**Same as:** ASIA 456.

**ARTH 457. Studies in the History of Graphic Art. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Study of prints and printmaking in Western art from ca. 1400 to the present focusing on selected topics.

**Grading status:** Letter grade.

**ARTH 458. Islamic Architecture and the Environment. 3 Credits.**

Explores the ways in which architecture and environment interact in Islamic societies from the medieval period to the present, including topics such as gardens, palaces, and villas, urban design, and the role of water.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ASIA 458.

**ARTH 460. Greek Painting. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A survey of the development of Greek art from geometric to Hellenistic painting through a study of Greek vases, mosaics, and mural paintings.

**Grading status:** Letter grade

**Same as:** CLAR 460.

**ARTH 461. Archaic Greek Sculpture. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A focused study of sculpture during the Archaic period in Greece.

**Grading status:** Letter grade

**Same as:** CLAR 461.

**ARTH 462. Classical Greek Sculpture. 3 Credits.**

Permission of the instructor. A focused study of Greek sculpture during the classical period.

**Grading status:** Letter grade

**Same as:** CLAR 462.

**ARTH 463. Hellenistic Greek Sculpture. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A focused study of Greek sculpture in the Hellenistic period.

**Grading status:** Letter grade

**Same as:** CLAR 463.

**ARTH 464. Greek Architecture. 3 Credits.**

A survey of Greek architectural development from the Dark Ages through the fourth century BCE. Special topics include the beginnings of monumental architecture, the development of the orders, and interpretations of individual architects in terms of style and proportions.

**Requisites:** Prerequisite, CLAR 244; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAR 464.

**ARTH 465. Architecture of Etruria and Rome. 3 Credits.**

The development of architecture in the Roman world from the ninth century BCE through the fourth century CE. The course focuses on the development of urbanism and the function, significance, and evolution of the main building types and their geographic distribution.

**Requisites:** Prerequisite, CLAR 245, CLAR 247, or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAR 465.

**ARTH 466. History of the Illuminated Book. 3 Credits.**

Chronological survey of major developments in book painting during the European Middle Ages from 300 to 1450 CE.

**Grading status:** Letter grade.

**ARTH 467. Celtic Art and Cultures. 3 Credits.**

This course explores the art and culture from the Hallstatt and La Tène periods (seventh century BCE) to the Celtic "renaissance" (ca. 400-1200 CE).

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ARTH 468. Visual Arts and Culture in Modern and Contemporary China. 3 Credits.**

This course examines visual materials, including those from fine arts, commerce, popular culture, political propaganda, avant-garde movements, etc., produced in modern and contemporary China as an important means of defining China's self-identity in the modern and global world.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 468.

**ARTH 469. Art of the Aztec Empire. 3 Credits.**

This course provides a comprehensive introduction to the art of the Aztec Empire, including architecture, monumental sculpture, small-scale sculpture, ceramics, painting, lapidary work, gold work, and feather work.

**Grading status:** Letter grade.

**ARTH 470. The Moving Image in the Middle Ages. 3 Credits.**

The course explores the range of contexts in which images in the medieval period were made to move; for instance, in rituals, processions, and miracles.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 471. Northern European Art of the 14th and 15th Centuries. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Advanced study of painting and sculpture in France, England, and the Netherlands, 1300 to 1400.

**Grading status:** Letter grade.

**ARTH 472. Early Modern Art, 1400-1750. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course explores specialized themes and/or broad topics in Western European art of the early modern period.

**Grading status:** Letter grade.

**ARTH 472H. Early Modern Art, 1400-1750. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course explores specialized themes and/or broad topics in Western European art of the early modern period.

**Grading status:** Letter grade.

**ARTH 473. Early Modern and Modern Decorative Arts. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course traces major historical developments in the decorative and applied arts, landscape design, and material culture of Western society from the Renaissance to the present.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 474. Roman Sculpture. 3 Credits.**

Survey of Roman sculpture (200 BCE-300 CE), including portraiture, state reliefs, funerary monuments, and idealizing sculpture, with emphasis on style, iconography, and historical development of sculpture in its sociocultural, political, and religious contexts.

**Requisites:** Prerequisite, CLAR 245, CLAR 247 or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** CLAR 474.

**ARTH 475. Icons and Idols: Debates in Medieval Art. 3 Credits.**

This course will examine theories and instances of image making and breaking from the classical world to the early modern world, covering late antiquity, iconoclasm in Byzantium, and the medieval West.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**ARTH 476. Roman Painting. 3 Credits.**

Surveys Roman painting from 200 BCE to 300 CE, with emphasis on style, iconography, historical development of painting in its sociocultural, political, and religious contexts. Treats current debates in scholarship.

**Requisites:** Prerequisite, any CLAR or ARTH course at the 200-level or higher (preferably CLAR 245, CLAR 247, or CLAR/ARTH 263); permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** CLAR 476.

**ARTH 483. Art, Politics, and Society in France, 1850-1914. 3 Credits.**

An examination of the interaction of artists, criticism, and the market with larger political and social developments in France, with an emphasis on primary sources.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** HIST 468.

**ARTH 485. Art of the Harlem Renaissance. 3 Credits.**

Examines the Harlem Renaissance (1918-1942) as an instance of both transnational modernism and cultural nationalism through study of how artworks articulate interrelated conceptions of race, gender, sexuality, and social class.

**Gen Ed:** VP, CI, US.

**Grading status:** Letter grade.

**ARTH 488. Contemporary African Art. 3 Credits.**

Examines modern and contemporary African art (1940s to the present) for Africans on the continent and abroad. Examines tradition, cultural heritage, colonialism, postcolonialism, local versus global, nationalism, gender, identity, diaspora.

**Requisites:** Prerequisite, AAAD 101 or ARTH 152 or 155; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** AAAD 405.

**ARTH 490. Special Topics in Art History. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Selected topics in art history.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTH 514. Monuments and Memory. 3 Credits.**

Explores the role of monuments in the formation of cultural memory and identity, both nationally and globally. Topics include the construction of identities in and through public spaces, commemoration of both singular individuals and ordinary citizens, and the appearance of new types of post-traumatic monuments in the 20th century.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 514.

**ARTH 551. Introduction to Museum Studies. 3 Credits.**

Introduces careers in museums and other cultural institutions. Readings and interactions with museum professionals expose participants to curation, collection management, conservation, exhibition design, administration, publication, educational programming, and fundraising.

**Gen Ed:** VP, EE- Field Work, NA.

**Grading status:** Letter grade.



**ARTH 552. The Literature of Art. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A study of the principal critics and historians who have contributed to the development of modern art history. Also application of the principles to specific works of art.

**Grading status:** Letter grade.

**ARTH 553. The Body in Social Theory and Visual Representation. 3 Credits.**

A study of how the human body has been represented in contemporary art and the relation of those representations to theories of the individual and society.

**Grading status:** Letter grade.

**ARTH 554. Imagining Otherness in Visual Culture in the Americas. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course examines representational othering of black, Asian, Latina/o, and Native American people in images in the Americas through postcolonial topics like racial stereotyping, Orientalism, primitivism, essentialism, and universalism.

**Grading status:** Letter grade.

**ARTH 555. Urban Africa and Global Mobility. 3 Credits.**

The contemporary arts of Africa are framed by urbanization and global mobility. This course examines how artists examine, reflect on, and express visually experiences of these conditions.

**Gen Ed:** BN, CI, GL.

**Grading status:** Letter grade.

**ARTH 556. Visual Cultures of the American City, 1750-1950. 3 Credits.**

An exploration of the wide field of American art and visual culture inspired by the spaces and social life of the modern city.

**Requisites:** Prerequisite, ARTH 53, 54, 61, 64, 77, 79, 84, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, or 261; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 557. Art and Money. 3 Credits.**

This course explores intersection of art and economics from the 18th century to the present through themes such as value, markets, counterfeiting, and circulation. It examines money as a visual artifact and artworks that engage with monetary questions in the context of art history and Western economic theory.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 561. Arts of the Islamic Mediterranean. 3 Credits.**

Offers an overview of the arts, architecture, and visual culture of the Islamic Mediterranean (its eastern and western shores, Sicily, and North Africa)

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ASIA 561.

**ARTH 562. Islamic Urbanism. 3 Credits.**

This course explores the development, urban forms, and social structures of some of the major cities of the medieval Islamic lands.

**Requisites:** Prerequisite, ARTH 154; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**ARTH 583. Theories of Modern Art. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A study of theoretical issues central to the understanding of trends in modern art (e.g., modernism, the avant-garde, formalism originality).

**Grading status:** Letter grade.

**ARTH 586. Cultural Politics in Contemporary Art. 3 Credits.**

Permission of the instructor. This course will examine strategies of critique in contemporary art. Organized thematically, it focuses on the tactics employed by artists who address political, social, or cultural issues through their work.

**Grading status:** Letter grade.

**ARTH 588. Current Issues in Art. 3 Credits.**

Addresses select issues that have gained or re-gained prominence in today's art world, for example globalization, training, the market, and the nature of the "contemporary.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ARTH 590. Topics in Connoisseurship. 3 Credits.**

Permission of the instructor. Works in the Ackland Museum's collection will be studied directly as a means of training the eye and exploring the technical and aesthetic issues raised by art objects.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTH 592. History and Theory of Museums. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Provides an historical overview of museums. Serves as an introduction to many of the theoretical issues museums face including: ethics, audiences, the role of museums in society, exhibiting dilemmas.

**Grading status:** Letter grade.

**ARTH 595. Experience in Research. 1-3 Credits.**

Required preparation, one 100-level art history course and one 200- to 399-level art history course. An experiential learning opportunity in independent and original research on a topic or in a field of the student's choosing under the close direction of a faculty supervisor.

**Gen Ed:** VP, EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTH 597. Studiolo to Wunderkammer. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course explores the history of early modern collecting, encompassing scholars' and merchants' "study rooms," aristocrats' menageries, humanists' "sculpture gardens," and princely cabinets of wonders.

**Grading status:** Letter grade.

**ARTH 691H. Honors in Art History. 3 Credits.**

Permission of the instructor. Independent research directed by a faculty member leading to an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ARTH 692H. Honors in Art History. 3 Credits.**

Permission of the instructor. Independent research directed by a faculty member leading to an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## ARTS–Studio Art

Registration for the studio art foundation courses (ARTS 102, ARTS 103, and ARTS 106) is limited to studio art majors and minors during the first part of the preregistration period. Remaining spaces are made available to nonmajors during the registration period for first-year students. Because the department gives this preference to studio art majors, nonmajors, undeclared students, or continuing study students often find it difficult to enroll in these courses. Individuals seriously considering a studio art major and experiencing such difficulty should see the undergraduate advisor for studio art. We reserve a small number of spaces for such students. Students may be asked to demonstrate a commitment to studio art with some examples of artwork. Students are also encouraged to contact instructors directly to secure a position on a waiting list.

In general, studio art courses are numbered to reflect media areas in the last digit. Painting courses end in 2, sculpture 3, drawing 4, photography 5, digital media 6, mixed media 7, and printmaking 8.

### Undergraduate-level Courses

#### **ARTS 50. First-Year Seminar: The Artistic Temperament. 3 Credits.**

Class examines how to advance and sustain artistic production, focusing not only on being a successful artist, but also on the importance of creativity and hard work in any successful venture.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 50H. First-Year Seminar: The Artistic Temperament. 3 Credits.**

Class examines how to advance and sustain artistic production, focusing not only on being a successful artist, but also on the importance of creativity and hard work in any successful venture.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 59. First-Year Seminar: Time, A Doorway to Visual Expression. 3 Credits.**

This class will study one of the lesser considered, but most intriguing, visual components: the element of time.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 72. First-Year Seminar: Visualizing Women's Lives and Experiences. 3 Credits.**

This seminar explores the experiences of women by integrating content and methodologies from psychology with perspectives on the depiction of women in the arts, namely digital media. Students will study gender socialization, body image, work/achievement, sex and romance, motherhood, aging, and mental health with attention given to diversity.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** PSYC 72.

#### **ARTS 75. First-Year Seminar: Stories in Sight: The Narrative Image. 3 Credits.**

This class looks at the theory and practice of telling stories through photographs.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 78. First-Year Seminar: The Visual Culture of Photography. 3 Credits.**

This course will investigate how photography is inextricably entwined in our lives and histories.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 82. First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language. 3 Credits.**

This class will investigate the idea of personal histories in visual art. As a studio class, the course will be organized around several art making projects. As a catalyst to our own art making, we will explore the idea of personal history and memory through readings, as well as looking at contemporary artists whose work functions in an autobiographical framework.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### **ARTS 102. Two-Dimensional Design. 3 Credits.**

Studio course investigates concepts and strategies of two-dimensional image making. Introduces design elements of visual language (line, shape, value, texture, color). Considers the cultural codes that accompany visual information and how they combine with organizational structures to determine a variety of effects, influence responses, and inform meaning. Foundation requirement for studio majors

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 103. Sculpture I. 3 Credits.**

Studio course introduces concepts and strategies of working in three dimensions. Project-based coursework develops understanding of ideation process and creative problem solving. Ideas about sculpture are further expanded by considering works by contemporary artists. Students develop aesthetic sensibility, analytical capacity, and fundamental skills in sculptural media. Foundation requirement for studio majors.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 104. Drawing I. 3 Credits.**

Working out of an observational tradition, this course provides an introduction to the concepts and techniques of drawing. Paying attention to both representation and interpretation, the course is designed to develop fundamental skills, aesthetic sensibility, analytical capacity, and creative problem-solving in two-dimensional media.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **ARTS 105. Photography I. 3 Credits.**

Focusing on creative digital photography, this course provides an introduction to the concepts and techniques of digital imagery and lens-based media. Includes methods of interpretation, analysis of images, scanning, retouching, color correction, basic composition, and inkjet printing.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 105H. Photography I. 3 Credits.**

Focusing on creative digital photography, this course provides an introduction to the concepts and techniques of digital imagery and lens-based media. Includes methods of interpretation, analysis of images, scanning, retouching, color correction, basic composition, and inkjet printing.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 106. Video I. 3 Credits.**

This foundation course introduces concepts and techniques of temporal art making. Through projects designed to develop an understanding of the creative language unique to digital media, students will learn various software programs and basic digital strategies to realize time-based works of art. Foundation requirement for studio majors.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 116. Introduction to Web Media. 3 Credits.**

Basic computer skills required. This course investigates the emergence of Web, interactive, and mobile technologies as artistic tools, communication technologies, and cultural phenomena. Students will design and produce interactive Web sites. The course covers principles of Web-based programming and design via HTML and CSS.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 132. Collage: Strategies for Thinking and Making. 3 Credits.**

Collage is both an artistic technique and a way of thinking. Even though its historical roots stem from the early 20th century, it is an image-construction strategy that is almost ubiquitous today. Using a variety of conceptual and media approaches, this course explores strategies of collage in contemporary studio practice.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 202. Painting I. 3 Credits.**

Recommended preparation, ARTS 104. This course will introduce the fundamentals of painting and various painting techniques through studio lab activity, lectures, demonstrations, and discussions. The course intends to guide students through developing their technical, formal, conceptual, and creative sensibilities to the painting process.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 205. Photography II. 3 Credits.**

Continuation of ARTS 105 with continued focus on advanced creative digital photography techniques.

**Requisites:** Prerequisite, ARTS 105.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 206. Video II. 3 Credits.**

In this intermediate-level class students expand on video production strategies and concepts such as lighting theory, location sound recording, montage, and sound design while developing individual and collaborative processes for moving image production.

**Requisites:** Prerequisite, ARTS 106; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 208. Print I. 3 Credits.**

Introduction to four basic approaches to printmaking: intaglio, relief, planographic, and stencil processes. Students will explore creative strategies unique to the printed process.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 209. 2D Animation. 3 Credits.**

This class explores several techniques of 2D character animation, including storyboarding and conceptualizing, pencil testing and timing animation, animating simple sequences with Photoshop, experimenting with coloring and materials under a film camera, and compositing in After Effects.

**Requisites:** Prerequisite, ARTS 104.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 213. Ceramic I. 3 Credits.**

An investigation of clay as a medium; developing technical skills, aesthetic awareness, and historical perspective.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 214. Life Drawing. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. Through the study of anatomy and observation of the human form, students develop the ability to create powerful, realistic figure drawings. Fundamental skills and concepts include expressive use of line, value, weight, and volume plus classical techniques in shading, gesture, sighting, and composition.

**Requisites:** Prerequisite, ARTS 104.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 221. Color: Theory and Concept. 3 Credits.**

This course explores the intricacies of color theory with regard to perception, systems, and application in visual art. Further, the course considers color as subject and concept in contemporary art. Previously offered as ARTS 121.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 222. New Technologies and Narrative Painting. 3 Credits.**

This studio course will focus on immersing students in the culturally rich practice of narrative painting, and emphasize integrating BeAM space technology and equipment in the conceptual and creative process.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 233. Wood Sculpture. 3 Credits.**

This class examines wood sculpture from both a technical and intuitive perspective. Students are taught woodworking skills and are then encouraged to use these skills to discover their creative potential.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 238. Screen Printing. 3 Credits.**

Recommended preparation, ARTS 104 and/or ARTS 105. An intermediate studio course focused on creating stencil-based print images. Students explore a range of technical approaches and will investigate art making concepts specific to screen printing as well as the intersections of screen printing with other two-dimensional art forms.

**Requisites:** Prerequisite, ARTS 102; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 243. Metal Sculpture. 3 Credits.**

This class examines metal sculpture from both a technical and intuitive perspective. Students are taught metalworking skills and are then encouraged to use these skills to discover their creative potential.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 290. Special Topics in Studio Art. 3 Credits.**

Required preparation, any introductory studio art course or permission of the instructor. Selected topics in studio art .

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTS 302. Painting II. 3 Credits.**

This course aims to continue guiding painting students through developing sensibilities to paint handling, color, composition, and spatial design, with an emphasis on experimentation. Students will develop their work in context to themes that are significant in painting history, relevant to contemporary art, and their personal lens.

**Requisites:** Prerequisite, ARTS 202.

**Grading status:** Letter grade.

**ARTS 303. Sculpture II. 3 Credits.**

This course continues an investigation of three-dimensional thought and process begun in Tier I sculpture. Projects explore an expanded definition of sculpture, considering a range of motivating concepts. These explorations build on basic skills and further develop technical and conceptual options for making sculpture.

**Requisites:** Prerequisite, ARTS 103, 213, or 233; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 305. Darkroom Photography. 3 Credits.**

An introduction to the basic techniques of analog black and white photography, including film developing, darkroom printing, and print presentation.

**Requisites:** Prerequisite, ARTS 105.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 309. 3D Animation. 3 Credits.**

The primary goals of this class are to introduce students to three-dimensional computer modeling and animation in Maya. While the particular focus of the class is 3D character animation and most students will produce a short 3D animation as their final project, students may also explore a broad range of creative applications and avenues for development, including special effects, compositing with video, and motion graphics.

**Requisites:** Prerequisite, ARTS 209.

**Grading status:** Letter grade.

**ARTS 313. Ceramic II. 3 Credits.**

Continuation of ARTS 213.

**Requisites:** Prerequisite, ARTS 213.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 322. Narrative Painting. 3 Credits.**

Students will explore themes in the vast history of narrative paintings by researching and responding to these themes, and create narrative paintings through their own personal lens. We will explore topics of the genre, from historical works, to how contemporary artists are interpreting and creating narratives that mirror the diverse spectrum of identities, materials, and histories in our lifetime.

**Requisites:** Prerequisite, ARTS 202.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 324. Drawing II. 3 Credits.**

This class builds on predominantly perceptually based concepts of basic drawing and introduces abstraction, interpretive, and conceptual drawing strategies. Class assignments develop understanding of the language of drawing and provide a foundation that aims to support independent investigation and personal approaches to drawing's unique capabilities.

**Requisites:** Prerequisite, ARTS 104.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 337. The Aesthetics of Junk. 3 Credits.**

From Dada to ArtBrut to Mix-tape, this course experiments with assemblage (accumulations of things forming a new whole) and destruction (taking apart and reconfiguring a thing). This course addresses issues of collage as both object and action, playing in the intersection of experimental theatre and design of mass-produced objects.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 343. MAKE: Art in the (New) Age. 3 Credits.**

Suggested preparation, ARTS 103. This course examines the connecting trajectories of artistic and technological developments from early modernism to the contemporary. While addressing the interconnected nature of technology, technique, craft and art, students will work with our new technologies (Laser and Vinyl Cutter, 3D Printer, etc.) to create 3D work.

**Gen Ed:** VP, EE- Mentored Research.

**Grading status:** Letter grade.

**ARTS 348. Lithography. 3 Credits.**

Lithography is an intermediate printmaking class. The course provides basic technical introduction to stone and plate lithography. Students will investigate artistic strategies to forge visual literacy in print media.

**Requisites:** Prerequisite, ARTS 208; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 352. Abstract Painting. 3 Credits.**

This studio course will explore the vast visual language of abstract painting. Students will examine abstraction through creating paintings within a historical, visual, and cultural framework, and acquire context about the emergence and persistence of painted abstraction.

**Requisites:** Prerequisite, ARTS 202.

**Grading status:** Letter grade.



**ARTS 353. Phantasmagoria: Haunted Art, History, and Installation. 3 Credits.**

This course will be organized around four art making/art building projects, culminating in a class presentation of a multimedia phantasmagoria. Students will research early light/shadow, pre-cinema techniques, hauntings/horror and artists whose work is influenced by these tropes. We will work with Maker's Spaces to produce components for this course. Previously offered as ARTS 253.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 354. Narrative Drawing. 3 Credits.**

How does one tell a story in the form of a drawing? This class will investigate narrative composition as a genre using diverse and analytical methods in drawing. From life drawing sessions to exercises in diverse environments and public events.

**Requisites:** Prerequisite, ARTS 104.

**Grading status:** Letter grade.

**ARTS 355. The Practice of Representation: Portraiture in Photography. 3 Credits.**

This course examines the practical and theoretical issues of portraiture. Students will learn technical skills and conceptual strategies to engage with issues of representation and notions of identity. We will explore the history of the photographic portraiture as well as work of contemporary portrait artists working in a post-modern age.

**Requisites:** Prerequisite, ARTS 105.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 358. Letterpress. 3 Credits.**

This class explores the concepts and craft of letterpress printing. Technical skills include typesetting, linoleum carving, and digital interfaces for making image and text matrices. Projects explore the special relationship of image and word and are designed around specific text/image forms: broadside, poster, portfolio, and book.

**Requisites:** Prerequisite, ARTS 208.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 364. The Walking Seminar: A Territorial Investigation. 3 Credits.**

Recommended preparation, ARTS 104. This seminar engages students in a territorial investigation of the North Carolina landscape. Meandering through the landscape we will explore different art mediums while simultaneously fostering an appreciation for the natural environment. Through hiking and backpacking students will foster a means for understanding their location and documenting their experience.

**Gen Ed:** VP, EE- Field Work.

**Grading status:** Letter grade.

**ARTS 368. Print II. 3 Credits.**

This course continues an investigation of print techniques and concepts. Projects develop an understanding of print strategies, focusing on the affordances of processes unique to printmaking. This approach positions traditional techniques as a point of departure for seeking an expanded definition of printmaking.

**Requisites:** Prerequisite, ARTS 208.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 390. Special Topics in Studio Art. 3 Credits.**

Required preparation, any intermediate studio art course or permission of the instructor. Selected topics in studio art.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTS 391. Theory, History, and Practice of Contemporary Curating. 3 Credits.**

Required preparation, any Tier II ARTS course, any contemporary-focus ARTH course; permission of the instructor for students lacking the required preparation. How do curators assist the navigation of contemporary art? This course addresses this question and others concerning the history, trends, personalities, and sites involved in contemporary art exhibition. The class will mount actual exhibitions informed by readings and interaction with curators, artists, and stage performances.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ARTS 402. Advanced Painting Projects. 3 Credits.**

This course focuses on the historically rich practice of painting, and is designed to guide the advanced painting student through the research, conceptual, aesthetic, and technical components of a comprehensive studio practice, and developing and maintaining a studio work ethic.

**Requisites:** Prerequisite, ARTS 302, 322, or 352; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTS 403. Advanced Sculpture. 1-6 Credits.**

Continuation of ARTS 303. May be repeated for credit.

**Requisites:** Prerequisite, ARTS 303; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTS 409. Art and Science: Merging Printmaking and Biology. 3 Credits.**

Permission of the instructors. This class explores the intersection of two disciplines, art and science. Research skills intrinsic to both include curiosity, close observation, experimentation, and visual analysis.

Organized around printmaking projects informed by specific topics in biology, students adapt theory and practical skills from both disciplines to create artworks using several printmaking techniques

**Requisites:** Prerequisite, one of BIOL 201, 202, ARTS 105, 106, 202, 205, 206, 208, 209, 238, 415, 458; corequisite, BIOL 409L.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 409H. Art and Science: Merging Printmaking and Biology. 3 Credits.**

Permission of the instructors. This class explores the intersection of two disciplines, art and science. Research skills intrinsic to both include curiosity, close observation, experimentation, and visual analysis.

Organized around printmaking projects informed by specific topics in biology, students adapt theory and practical skills from both disciplines to create artworks using several printmaking techniques

**Requisites:** Prerequisite, one of BIOL 201, 202, ARTS 105, 106, 202, 205, 206, 208, 209, 238, 415, 458; corequisite, BIOL 409L.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.



**ARTS 410. Public Art. 3 Credits.**

This studio class explores public art from historical and critical perspective. Students will propose and create works of public art. Opportunities to implement projects will be explored through the Department of Art and other resources.

**Requisites:** Prerequisite, ARTS 302, 303, or 305; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**ARTS 413. Advanced Ceramic Projects. 3 Credits.**

Continuation of ARTS 313. May be repeated for credit.

**Requisites:** Prerequisite, ARTS 313; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTS 415. Conceptual-Experimental Photography. 3 Credits.**

An advanced photography course for students interested in contemporary photographic practices, critical theory, art history, and experimental processes: theory and practice, formal and conceptual investigations, and historical and contemporary strategies will all be given equal attention.

**Grading status:** Letter grade.

**ARTS 416. Video Art. 3 Credits.**

An introduction to the creative and technical processes in producing video art. Students will shoot and edit their own independent video projects. Some class time will be devoted to viewing video art and other media-based work.

**Requisites:** Prerequisite, ARTS 106; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**ARTS 417. Advanced Mixed Media Projects. 3 Credits.**

Cultural production and practice, theory, and criticism. Pursuit of individual visual projects, formally and conceptually, through theoretical, poetic, art historical, and autobiographical texts, critiques, collaboration, and discussion using all media.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTS 418. Advanced Printmaking. 3 Credits.**

This course is appropriate for students who have had a minimum of three semesters of prior printmaking experience. Students submit a proposal outlining technical and artistic goals for the semester.

**Requisites:** Prerequisites, ARTS 208 and any two of ARTS 238, 338, or 348; permission of the instructor for students lacking the prerequisites.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTS 423. Installation Art. 3 Credits.**

Permission of the instructor for students lacking the prerequisite.

This class explores art that encompasses its audience. Conceptual motivations as well as practical realities of dealing with a specific three-dimensional space will be considered.

**Requisites:** Prerequisite, ARTS 303.

**Grading status:** Letter grade.

**ARTS 428. Book Art. 3 Credits.**

Required preparation, one additional two-dimensional studio course (drawing, photography, or printmaking). Defining the book as a "multiple and sequential picture plane," this course considers a range of traditional approaches and conceptual departures of the book as a format for creative expression.

**Requisites:** Prerequisite, ARTS 102.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ARTS 458. Photo Printmaking. 3 Credits.**

This course combines a technical approach (making printing matrices using photographic processes) with a conceptual framework (the photographic "voice" and its interpretation in printmaking). Artmaking projects explore salient ideas such as appropriation versus capture, documentation, truth-telling and fabrication, or narrative invention using specific technical processes such as photogravure and cyanotype.

**Requisites:** Prerequisites, ARTS 105 and 208; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 490. Advanced Special Topics in Studio Art. 3 Credits.**

Required preparation, any intermediate studio art course or permission of the instructor. Advanced consideration of selected topics in studio art.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTS 493. Studio Art Practicum or Internship. 3 Credits.**

Required preparation, 15 hours ARTS courses. Allows studio art majors to pursue unpaid practicums or internships for credit. Examples include working as a studio assistant or working in art-related fields, such as galleries, design firms, architectural firms, and nonprofit arts organizations. Work undertaken must comply with Federal criteria governing unpaid internships. Departmental approval required.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**ARTS 499. Senior Projects. 3 Credits.**

This research-intensive course is designed for B.F.A. students to define and execute a focused body of work or a single large project over the course of a semester. Work may be pursued individually or in collaborative teams. Required for B.F.A. studio art majors. B.A. studio art majors may seek permission from the instructor.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**ARTS 500. Senior Seminar. 3 Credits.**

Restricted to senior studio art majors. This course is the capstone course for the studio art major. Topics covered include issues of professional development, curatorial practice, and presentation of works of art in exhibition. The culminating project is mounting the Senior Exhibition.

**Gen Ed:** VP, EE- Field Work.

**Grading status:** Letter grade.

**ARTS 515. Advanced Topics in Photography. 3 Credits.**

May be repeated for credit.

**Requisites:** Prerequisite, ARTS 305; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ARTS 596. Independent Study in Studio Art. 1-4 Credits.**

Permission of the instructor. For students wishing to pursue additional media or thematic study beyond the advanced level. Students register with section numbers designated for faculty. May be repeated for credit. **Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARTS 637. Social Practice and Performance Art. 3 Credits.**

Students will explore "socially engaged art" practices that challenge the distinction between art and life, are fundamentally collaborative, value process over end product, and utilize action, dialogue, and participation as strategies as an intervention in public discourse.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** COMM 637.

**ARTS 690. Advanced Topics in Studio Art. 3 Credits.**

Required preparation, any intermediate studio art course or permission of the instructor. Selected topics in studio art.

**Repeat rules:** May be repeated for credit. 3 total credits. 1 total completions.

**Grading status:** Letter grade.

**ARTS 691H. Senior Honors Thesis Project in Studio Art. 3 Credits.**

Permission of the department. ARTS 691H is designed to enable studio art majors to pursue serious and substantial work. In addition to working with the instructor of record for ARTS 499/691H, students work under the supervision of an individual thesis advisor and committee.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ARTS 692H. Senior Honors Thesis Project in Studio Art. 3 Credits.**

ARTS 692H is taught concurrently with and by the instructor for ARTS 500. In addition to the classroom component, students continue to work with an individual thesis advisor and committee. Successful completion of ARTS 692H allows students to graduate with honors or highest honors.

**Requisites:** Prerequisite, ARTS 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Art History Major, B.A.

### Contact Information

**Department of Art and Art History**

Visit Program Website (<http://art.unc.edu>)

101 Hanes Art Center, CB# 3405

(919) 962-2015

**Eduardo Douglas, Director of Undergraduate Studies (Art History)**

[eduardod@email.unc.edu](mailto:eduardod@email.unc.edu)

**Carol Magee, Chair**

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

**Yulianna Aparicio, Student Services**

[yulipo@email.unc.edu](mailto:yulipo@email.unc.edu)

The undergraduate program in art history is directed toward two main educational goals:

1. to provide students with an excellent liberal arts foundation through an understanding of the historical and global significance, cultural

diversity, and intellectual richness of human artistic traditions from prehistoric times to the present; and

2. to provide these students with the intellectual tools needed to investigate the complex roles played by the arts in a variety of social contexts.

Skills in visual analysis, historical research, critical reading, analytical and descriptive writing, and oral communication are developed throughout the course of the study. The practice of art history is interdisciplinary, dynamically engaged with many fields in the humanities and social sciences, as well as with the University's diverse area studies programs and the Ackland Art Museum. The art history major equips students with skills, knowledge, and values to negotiate rapidly changing, richly diverse, and increasingly interconnected local, national, and worldwide communities.

## Department Programs

### Majors

- Art History Major, B.A. (p. 212)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Student Learning Outcomes

Upon completion of the art history program, students should be able to:

- Demonstrate knowledge of the works of art, artists, viewers, and patrons in a variety of cultures and societies; and the visual arts in the context of the past and present societies that produced them
- Recognize that visual forms and symbols are historically and culturally contingent, and that interpretation requires a knowledge of the visual language specific to the work of art, as a result of studying the arts in a variety of cultures and historical moments
- Pose an art historical question, pursue that question through research in original and secondary sources, evaluate evidence, and create an argument in response to that evidence
- Demonstrate deep content area knowledge by explaining and discussing intelligently major issues related to that field

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0

- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Two art history foundation courses from ARTH 100 to ARTH 200		6
Eight ARTH courses above 200, apportioned in the following way <sup>1</sup>		24
At least one course from three of four geographic areas (see course lists below)		
At least one course from each of the three chronological areas (see course lists below)		
At least three courses must be numbered above 399		
ARTH 391	Undergraduate Research Seminar <sup>2</sup>	3
ARTS---	One studio art course	3
<b>Total Hours</b>		<b>36</b>

<sup>1</sup> A first-year seminar taught by an art history faculty member may be substituted for one art history course numbered above 200.

<sup>2</sup> Offered with three chronological topic areas. It is strongly recommended that students take this seminar no later than the spring of their junior year.

## Distribution Course List–The Americas (AA)

Code	Title	Hours
<b>1300–1800 (II)</b>		
ARTH 254	Women in the Visual Arts I	
ARTH 277	Art and Architecture of Viceregal Latin America	
ARTH 469	Art of the Aztec Empire	
<b>1800–Present (III)</b>		
ARTH 53	First-Year Seminar: Art and the Body	
ARTH 61	First-Year Seminar: African American Art of the Carolinas	
ARTH 267	Latin American Modernisms	
ARTH 281	Art of Exchange and Exploration: Early America and the Globe	
ARTH 285	Art Since 1960	
ARTH 287	African American Art Survey	
ARTH 288	19th-Century American Art	
ARTH 302	Fashioning Identities	
ARTH 383	Modern Architecture	
ARTH 385	Pop Art and Its Legacy	
ARTH 387	20th-Century African American Art	
ARTH 445	The Mexican Mural Renaissance, 1921-1945	
ARTH 452	Brazilian Modernism	
ARTH 485	Art of the Harlem Renaissance	
ARTH 551	Introduction to Museum Studies	
ARTH 554	Imagining Otherness in Visual Culture in the Americas	

### No Chronological Classification

ARTH 281 Art of Exchange and Exploration: Early America and the Globe

## Distribution Course List–Europe and the Mediterranean (EM)

Code	Title	Hours
<b>Prehistoric–1300 (I)</b>		
ARTH 51	First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	
ARTH 52	First-Year Seminar: Celts–Druid Culture <sup>H</sup>	
ARTH 262	Art of Classical Greece	
ARTH 263	Roman Art	
ARTH 264	Medieval Art in Western Europe	
ARTH 268	Hellenistic Art and Archaeology (350-31 BCE)	
ARTH 292	Egyptian, Near Eastern, & Aegean Art	
ARTH 340	Art and Interchange in Medieval Iberia	
ARTH 454	Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca.1130-1500	
ARTH 460	Greek Painting	
ARTH 461	Archaic Greek Sculpture	
ARTH 462	Classical Greek Sculpture	
ARTH 463	Hellenistic Greek Sculpture	
ARTH 464	Greek Architecture	
ARTH 465	Architecture of Etruria and Rome	
ARTH 474	Roman Sculpture	
ARTH 476	Roman Painting	
ARTH 561	Arts of the Islamic Mediterranean	
<b>1300–1800 (II)</b>		
ARTH 55	First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>	
ARTH 270	Early Renaissance Art in Italy	
ARTH 271	High Renaissance Art in Italy	
ARTH 272	Northern European Art: Van Eyck to Bruegel	
ARTH 274	European Baroque Art	
ARTH 330	Art and the History of Museums, 1750-2000	
ARTH 368	The Renaissance Portrait	
ARTH 369	European Art and Sexuality	
ARTH 450	The City as Monument <sup>H</sup>	
<b>1800–Present (III)</b>		
ARTH 54	First-Year Seminar: Art, War, and Revolution <sup>H</sup>	
ARTH 282	Modernism I: Realism, Impressionism, Post-Impressionism	
ARTH 284	Modernism II: 1905-1960	
ARTH 473	Early Modern and Modern Decorative Arts	
ARTH 483	Art, Politics, and Society in France, 1850-1914	
ARTH 514	Monuments and Memory	
<b>No Chronological Classification</b>		
ARTH 265	Medieval Iconography <sup>H</sup>	
ARTH 360	The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times	
ARTH 365	Late Medieval Art	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Distribution Course List—Asian and the Middle East (AM)

Code	Title
<b>Prehistoric–1300 (I)</b>	
ARTH 80	First-Year Seminar: Islamic Art and Science
ARTH 251	Art in the Age of the Caliphs
ARTH 458	Islamic Architecture and the Environment
ARTH 562	Islamic Urbanism

## Distribution Course List—Africa (AF)

Code	Title
<b>1800–Present (III)</b>	
ARTH 255	African Art and Culture
ARTH 291	Art, Culture, and Power in Africa
ARTH 294	Arts of Southern Africa
ARTH 297	Clothing and Textiles in Africa
ARTH 299	Arts of West Africa
ARTH 300	Art of African Independence
ARTH 353	Africa and Masks
ARTH 453	Africa in the American Imagination <sup>H</sup>
ARTH 488	Contemporary African Art
ARTH 555	Urban Africa and Global Mobility

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Distribution Course List—Other

Code	Title
<b>1800–Present (III)</b>	
ARTH 557	Art and Money

## Honors in Art History

The honors program is open to students with a 3.3 grade point average who have demonstrated overall excellence in the discipline. Honors are generally pursued in the senior year. Students enroll in the honors courses (ARTH 691H in the fall; ARTH 692H in the spring) through the student services assistant in the Department of Art and Art History office. This should be done after consultation with the faculty honors advisor and department honors advisor. For more information, see the honors program description elsewhere in this catalog and the departmental honors announcement. Honors work will allow a student to graduate with honors or with highest honors.

## Special Opportunities in Art and Art History

### Independent Study

Students may pursue independent study coursework with individual faculty members. Such work may be undertaken *only* with the permission of the sponsoring faculty member. Students should consult individual faculty members prior to registration to secure permission. A proposal and a contract must be approved by the appropriate director of undergraduate studies (studio art or art history) before students may

enroll. (See the the departmental majors' Sakai site for instructions.) Since faculty members are limited to supervising only two independent study students each semester, students are strongly advised to contact the faculty member with whom they wish to work early in the registration period for the upcoming semester.

**Hours** Independent study work requires a minimum of three hours per week per credit hour. For example, a typical three-credit-hour class would require at least nine hours of work per week. Once the semester begins, students must meet with the faculty member initially to confirm goals, review expectations, and establish semester deadlines. Thereafter, students must meet regularly to review work in progress, with a suggested biweekly frequency. Total time spent in direct interaction with the faculty member for the semester must average 45 minutes per week. This may be in the form of face-to-face meetings, blog or e-mail exchanges, or group critiques with other independent study students and their advisors.

### Departmental Involvement

Students have opportunities to see and interact with a variety of arts professionals through exhibitions in the Allcott Galleries, installations of sculptural works in the Alumni Sculpture Garden, an artist-in-residence program, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

There are several undergraduate student organizations serving the visual arts at Carolina. The Undergraduate Art Association (UAA) is a campuswide social club that supports and develops undergraduate visual artists at Carolina — regardless of their enrollment in art classes — and strengthens the impact of visual art in the University community. The Studio Art Majors Association (SAMA) is aimed at developing community and professional opportunities that augment the experience for studio art majors and minors, especially through programming of the SAMple Gallery in the Hanes Art Center. ArtHeels is a service-based organization that is passionate about bringing arts (visual, performing, and literary) to the healthcare setting. The Art History Liaisons is the undergraduate art history group. Kappa Pi is the department majors' honors society which includes both studio and art history majors. These groups serve as an important link between the majors and the department's administration. The department utilizes these organizations to facilitate communication about matters of interest, including participation in departmental initiatives or other extracurricular opportunities.

### Internships

Art and art history majors are encouraged to pursue internships at local, regional, or national arts institutions or businesses. Students have worked in many art career contexts including museums and galleries, arts programming, and local businesses specializing in art-related production (photo studios, printmaking studios, illustration, design firms, and publishing). The departmental majors' Sakai site has useful information about the requirements and how to set up the contracts for ARTH 293 and ARTS 493 as well as a partial listing of organizations that have worked with our students in the past. If you would like to discuss specific ideas about a possible internship, speak to any faculty member or the relevant director of undergraduate studies (art history or studio). All internships taken for UNC credit are subject to governmental guidelines, and students must have internships preapproved and under contract before enrolling for either ARTH 293 or ARTS 493.

### Study Abroad

Students are encouraged to pursue study abroad opportunities. While there are many opportunities to study art abroad, the Department of Art and Art History maintains a special affiliation with the Studio Art Centers



International (SACI) and the Lorenzo di Medici – both in Florence, Italy – and the Glasgow School of Art in Scotland. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. Basically, courses that have an equivalent in the UNC–Chapel Hill curriculum usually are approved. Courses that fall outside the UNC–Chapel Hill curriculum must be evaluated on a case-by-case basis. No guarantee exists that a course will transfer for credit unless preapproved. Contact the Study Abroad Office to discuss the procedures for approval.

## Undergraduate Awards

### UNDERGRADUATE AWARDS COMPETITION IN STUDIO ART

The studio program awards more than \$24,000 annually to students, with individual awards ranging from a minimum of \$500 to \$3,000. A competition each November allows studio art majors to submit up to four works to be considered for the following scholarships:

- The Alexander Julian Prize (one award to our best student)
- The Sharpe Scholarships (multiple awards for students receiving financial aid)
- George Kachergis Studio Art Scholarships (multiple awards chosen by a student-designated committee)
- The Anderson Award
- The Penland School of Craft Scholarships (two awards cover expenses for a summer course at the Penland School of Craft)
- A design honorarium to develop proposals for the Alumni Sculpture Garden (see below).

### ALUMNI SCULPTURE GARDEN COMPETITION

Every year, the Department of Art and Art History commissions student work for the Alumni Sculpture Garden. Commissions are a minimum of \$5,000, and the department awards up to three commissions. The selection process occurs in three stages: identifying interested students, a design phase, and the production of the work. During the November Awards Competition, interested students compete for one of six \$500 design honorariums that are to be used to develop proposals. Winners of this first phase are required attend a session early in the spring semester to learn about how to develop a proposal and the components that must be included. Proposals are reviewed in March to select winners.

## Undergraduate Research

Opportunities for undergraduate research in the Department of Art and Art History exist in several forms. Detailed descriptions and application guidelines are available on the art majors' Sakai site and from the department's student services manager.

**Allcott Travel Fellowships** support two summer research projects in studio art and/or art history.

**The Beatrice Pearman Fund** supports special projects in both art history and studio art. Competitions for art history research funds are held in the fall and the spring. Studio art students may request funds for special projects by submitting a proposal to the director of undergraduate studies in studio art. Awards are \$500 or less.

**Summer Undergraduate Research Fellowships (SURF)** are administered through the UNC Office for Undergraduate Research. These \$3,000 awards support undergraduate research projects over the summer. UNC's broad definition of research includes creative practices, and the James Boyd Gadson SURFs are specifically designated for studio art. SURF applications from studio art majors are automatically considered for these Gadson Fellowships. This fund typically supports at least two

awards. Application deadlines (usually in February) are set by the Office for Undergraduate Research. Students interested in pursuing summer research should contact possible faculty sponsors toward the end of the fall semester.

**The Jacquelyn Friedman and Marvin Saltzman Fund in Art** provides supplemental monies for painting supplies for students who for economic reasons may be hindered from working to their full potential. Any undergraduate student with need, regardless of major, enrolled in a departmental studio art painting class during the fall and/or spring semesters is eligible. Students can contact their course instructor or the student services specialist for further information.

## Studio Art Major, B.A.

### Contact Information

#### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

#### Beth Grabowski, Director of Undergraduate Studies

[beth.grabowski@unc.edu](mailto:beth.grabowski@unc.edu)

#### Carol Magee, Chair

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

#### Yulianna Aparicio, Student Services

[yulipo@email.unc.edu](mailto:yulipo@email.unc.edu)

The B.A. degree is intended to expose undergraduate students to a range of studio art ideas and practices. Students should choose this degree option if they are seeking a general liberal arts education. It is also the most-often-selected degree option when pursuing a double major. Second majors are frequent with communication studies (media and technology studies and production), journalism (design track), biology, drama (costume and set design), and psychology (art therapy), but any field can be augmented by studying the visual arts. All General Education Foundations, Approaches, Connections, and Supplemental General Education requirements must be satisfied. While the major consists of 36 credit hours, students may earn up to 45 credits in studio art courses (ARTS) that will count toward graduation. Credits taken beyond 45 will not count toward overall graduation requirements.

## Department Programs

### Majors

- Art History Major, B.A. (p. 212)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)



- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Learning Outcomes

The overall goal of the studio art program at UNC–Chapel Hill is for students to develop interconnected skills of creative thinking and critical making in order to produce outstanding works of art.

Upon completion of the studio art program (B.A., B.F.A.), students should be able to demonstrate the following competencies:

- Acquire the technical skills (informed control of technique, process, and materials) and an understanding of principles of visual organization sufficient to achieve basic visual communication and expression in one or more media
- Understand fundamentals of studio practice shared across studio disciplines
- Document and present work (portfolio, exhibition, online gallery) that demonstrates a basic understanding of professional practices
- Develop the ability to think and act creatively through experimentation, and analysis of options and parameters -- enabling work to progress from idea to physical form
- Develop an understanding of creative research as an iterative process that informs and allows artwork to evolve
- Develop effective vocabulary and skill (both verbal and written) to engage in critical analysis of form and content relationships in their own artwork and the work of others

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Three Tier I studio courses		9
Select one 2-D course (see list below)		
Select one 3-D course (see list below)		
Select one 4-D course (see list below)		
Three Tier II studio courses (see list below)		9
Two Tier III studio courses (see list below)		6
Two studio art elective courses <sup>1,2</sup>		6
One art history (ARTH) course <sup>3</sup>		3
ARTS 500	Senior Seminar	3
Total Hours		36

<sup>1</sup> Only three credits of senior honors thesis can count in the B.A. major.

<sup>2</sup> Any ARTS classes, including first-year seminars

<sup>3</sup> Any ARTH classes, including first-year seminars

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	Drawing I	
ARTS 105	Photography I <sup>H</sup>	
ARTS 132	Collage: Strategies for Thinking and Making	
ARTS 202	Painting I	
ARTS 208	Print I	
<b>3-D Courses</b>		
ARTS 103	Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		
ARTS 106	Video I	
ARTS 116	Introduction to Web Media	
<b>Tier II Studio Art Courses</b>		
ARTS 205	Photography II	3
ARTS 206	Video II	3
ARTS 209	2D Animation	3
ARTS 214	Life Drawing	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	Metal Sculpture	3
ARTS 302	Painting II	3
ARTS 303	Sculpture II	3
ARTS 305	Darkroom Photography	3
ARTS 313	Ceramic II	3
ARTS 324	Drawing II	3
ARTS 337	The Aesthetics of Junk	3
ARTS 348	Lithography	3
ARTS 352	Abstract Painting	3
ARTS 354	Narrative Drawing	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3
ARTS 390	Special Topics in Studio Art	3
<b>Tier III Studio Art Courses</b>		
ARTS 309	3D Animation	3
ARTS 343	MAKE: Art in the (New) Age	3
ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 355	The Practice of Representation: Portraiture in Photography	3
ARTS 364	The Walking Seminar: A Territorial Investigation	3
ARTS 391	Theory, History, and Practice of Contemporary Curating	3
ARTS 402	Advanced Painting Projects	3

ARTS 403	Advanced Sculpture	1-6
ARTS 409	Art and Science: Merging Printmaking and Biology H	3
ARTS 410	Public Art	3
ARTS 413	Advanced Ceramic Projects	3
ARTS 415	Conceptual-Experimental Photography	3
ARTS 416	Video Art	3
ARTS 417	Advanced Mixed Media Projects	3
ARTS 418	Advanced Printmaking	3
ARTS 423	Installation Art	3
ARTS 428	Book Art	3
ARTS 458	Photo Printmaking	3
ARTS 490	Advanced Special Topics in Studio Art	3
ARTS 493	Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3
ARTS 637	Social Practice and Performance Art	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Honors in Studio Art

The Senior Honors Thesis Project is designed to provide senior studio art majors an opportunity to pursue serious and substantial work that may qualify them to graduate "with honors" or "with highest honors." Students selected for the program conduct original creative research spanning the two semesters of the senior year.

To be eligible to apply for this opportunity, students must be rising senior studio art majors and meet the minimum GPA threshold of 3.3 established by the Honors Carolina office. The application consists of the following:

- A completed application form
- A proposal for the senior thesis project
- A digital portfolio demonstrating a mature capability to perform visual research

A call for applications is announced via the department student listserv in March. Applications are due in early to mid April and are reviewed by the studio faculty within two weeks of the application deadline. If accepted as a studio art honors candidate, students enroll in the honors courses through the student services manager.

Code	Title	Hours
ARTS 691H	Senior Honors Thesis Project in Studio Art (fall) <sup>1</sup>	3
ARTS 692H	Senior Honors Thesis Project in Studio Art (spring) <sup>1</sup>	3

<sup>1</sup> ARTS 691H and ARTS 692H run concurrently with ARTS 499 and ARTS 500, and replace these course requirements for the B.F.A. major.

In addition to the scheduled coursework, studio honors students work with a thesis committee consisting of a thesis advisor – who must be a studio art faculty member – and two additional faculty members, typically the faculty teaching the ARTS 499 and ARTS 500 classes,

but faculty from other disciplines may also serve on the honors thesis committee.

In studio art, the thesis project consists of the creative work produced and accompanying written components. Work is reviewed at the end of the fall semester to determine progress toward completion. In the spring semester, the completed honors project work and written thesis are presented to the honors committee for an oral defense. On the basis of this defense and the work presented, the committee determines whether or not a student graduates with an honors designation (honors or highest honors). Honors students exhibit their work in a formal exhibition either as a solo show at the time of the thesis defense and/or as a participant in the Senior Exhibition required for all graduating studio art majors. Studio art honors students also join their art history peers in a departmental honors symposium in April.

Current deadlines, details of the application process, and requirements for the senior studio art honors project (research, work and written components) are available on the art and art history majors' Sakai site or from the student services manager.

## Special Opportunities in Art and Art History Independent Study

Students may pursue independent study coursework with individual faculty members. Such work may be undertaken *only* with the permission of the sponsoring faculty member. Students should consult individual faculty members prior to registration to secure permission. A proposal and a contract must be approved by the appropriate director of undergraduate studies (studio art or art history) before students may enroll. (See the the departmental majors' Sakai site for instructions.) Since faculty members are limited to supervising only two independent study students each semester, students are strongly advised to contact the faculty member with whom they wish to work early in the registration period for the upcoming semester.

Independent study work requires a minimum of three hours per week per credit hour. For example, a typical three-credit-hour class would require at least nine hours of work per week. Once the semester begins, students must meet with the faculty member initially to confirm goals, review expectations, and establish semester deadlines. Thereafter, students must meet regularly to review work in progress, with a suggested biweekly frequency. Total time spent in direct interaction with the faculty member for the semester must average 45 minutes per week. This may be in the form of face-to-face meetings, blog or e-mail exchanges, or group critiques with other independent study students and their advisors.

## Departmental Involvement

Students have opportunities to see and interact with a variety of arts professionals through exhibitions in the Allcott Galleries, installations of sculptural works in the Alumni Sculpture Garden, an artist-in-residence program, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

There are several undergraduate student organizations serving the visual arts at Carolina. The Undergraduate Art Association (UAA) is a campuswide social club that supports and develops undergraduate visual artists at Carolina – regardless of their enrollment in art classes – and strengthens the impact of visual art in the University community. The Studio Art Majors Association (SAMA) is aimed at developing community and professional opportunities that augment the experience for studio

art majors and minors, especially through programming of the SAMple Gallery in the Hanes Art Center. ArtHeels is a service-based organization that is passionate about bringing arts (visual, performing, and literary) to the healthcare setting. The Art History Liaisons is the undergraduate art history group. Kappa Pi is the department majors' honors society which includes both studio and art history majors. These groups serve as an important link between the majors and the department's administration. The department utilizes these organizations to facilitate communication about matters of interest, including participation in departmental initiatives or other extracurricular opportunities.

## Internships

Art and art history majors are encouraged to pursue internships at local, regional, or national arts institutions or businesses. Students have worked in many art career contexts including museums and galleries, arts programming, and local businesses specializing in art-related production (photo studios, printmaking studios, illustration, design firms, and publishing). The departmental majors' Sakai site has useful information about the requirements and how to set up the contracts for ARTH 293 and ARTS 493 as well as a partial listing of organizations that have worked with our students in the past. If you would like to discuss specific ideas about a possible internship, speak to any faculty member or the relevant director of undergraduate studies (art history or studio). All internships taken for UNC credit are subject to governmental guidelines, and students must have internships preapproved and under contract before enrolling for either ARTH 293 or ARTS 493.

## Study Abroad

Students are encouraged to pursue study abroad opportunities. While there are many opportunities to study art abroad, the Department of Art and Art History maintains a special affiliation with the Studio Art Centers International (SACI) and the Lorenzo di Medici — both in Florence, Italy — and the Glasgow School of Art in Scotland. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. Basically, courses that have an equivalent in the UNC–Chapel Hill curriculum usually are approved. Courses that fall outside the UNC–Chapel Hill curriculum must be evaluated on a case-by-case basis. No guarantee exists that a course will transfer for credit unless preapproved. Contact the Study Abroad Office to discuss the procedures for approval.

## Undergraduate Awards

### UNDERGRADUATE AWARDS COMPETITION IN STUDIO ART

The studio program awards more than \$24,000 annually to students, with individual awards ranging from a minimum of \$500 to \$3,000. A competition each November allows studio art majors to submit up to four works to be considered for the following scholarships:

- The Alexander Julian Prize (one award to our best student)
- The Sharpe Scholarships (multiple awards for students receiving financial aid)
- George Kachergis Studio Art Scholarships (multiple awards chosen by a student-designated committee)
- The Anderson Award
- The Penland School of Craft Scholarships (two awards cover expenses for a summer course at the Penland School of Craft)
- A design honorarium to develop proposals for the Alumni Sculpture Garden (see below).

### ALUMNI SCULPTURE GARDEN COMPETITION

Every year, the Department of Art and Art History commissions student work for the Alumni Sculpture Garden. Commissions are a minimum of \$5,000, and the department awards up to three commissions. The selection process occurs in three stages: identifying interested students, a design phase, and the production of the work. During the November Awards Competition, interested students compete for one of six \$500 design honorariums that are to be used to develop proposals. Winners of this first phase are required attend a session early in the spring semester to learn about how to develop a proposal and the components that must be included. Proposals are reviewed in March to select winners.

## Undergraduate Research

Opportunities for undergraduate research in the Department of Art and Art History exist in several forms. Detailed descriptions and application guidelines are available on the art majors' Sakai site and from the department's student services manager.

**Allcott Travel Fellowships** support two summer research projects in studio art and/or art history.

**The Beatrice Pearman Fund** supports special projects in both art history and studio art. Competitions for art history research funds are held in the fall and the spring. Studio art students may request funds for special projects by submitting a proposal to the director of undergraduate studies in studio art. Awards are \$500 or less.

**Summer Undergraduate Research Fellowships (SURF)** are administered through the UNC Office for Undergraduate Research. These \$3,000 awards support undergraduate research projects over the summer. UNC's broad definition of research includes creative practices, and the James Boyd Gadson SURFs are specifically designated for studio art. SURF applications from studio art majors are automatically considered for these Gadson Fellowships. This fund typically supports at least two awards. Application deadlines (usually in February) are set by the Office for Undergraduate Research. Students interested in pursuing summer research should contact possible faculty sponsors toward the end of the fall semester.

**The Jacquelyn Friedman and Marvin Saltzman Fund in Art** provides supplemental monies for painting supplies for students who for economic reasons may be hindered from working to their full potential. Any undergraduate student with need, regardless of major, enrolled in a departmental studio art painting class during the fall and/or spring semesters is eligible. Students can contact their course instructor or the student services specialist for further information.

# Studio Art Major, Bachelor of Fine Arts (B.F.A)

## Contact Information

### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

### Beth Grabowski, Director of Undergraduate Studies

[beth.grabowski@unc.edu](mailto:beth.grabowski@unc.edu)

### Carol Magee, Chair

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

**Yulianna Aparicio, Student Services**

yulipo@email.unc.edu

The B.F.A. is considered the preprofessional course of study, providing a more in-depth experience of visual concept and practice. Students intending to pursue further study in visual arts disciplines (master of fine arts, design fields, or architecture) should choose this degree option. Students considering the B.F.A. degree are advised to contact the undergraduate advisor for studio art during the first year and no later than the sophomore year.

## Department Programs

### Majors

- Art History Major, B.A. (p. 212)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Learning Outcomes

The overall goal of the studio art program at UNC–Chapel Hill is for students to develop interconnected skills of creative thinking and critical making in order to produce outstanding works of art.

Upon completion of the studio art program (B.A., B.F.A.), students should be able to demonstrate the following competencies:

- Acquire the technical skills (informed control of technique, process, and materials) and an understanding of principles of visual organization sufficient to achieve basic visual communication and expression in one or more media
- Understand fundamentals of studio practice shared across studio disciplines
- Document and present work (portfolio, exhibition, online gallery) that demonstrates a basic understanding of professional practices
- Develop the ability to think and act creatively through experimentation, and analysis of options and parameters -- enabling work to progress from idea to physical form
- Develop an understanding of creative research as an iterative process that informs and allows artwork to evolve
- Develop effective vocabulary and skill (both verbal and written) to engage in critical analysis of form and content relationships in their own artwork and the work of others

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Three Tier 1 studio courses		9
Select one 2-D course (see list below)		
Select one 3-D course (see list below)		
Select one 4-D course (see list below)		
Four Tier II studio courses (see list below)		12
Four Tier III studio courses (see list below)		12
Five studio art elective courses <sup>1,2</sup>		15
Two art history (ARTH) courses <sup>3</sup>		6
ARTS 499	Senior Projects	3
ARTS 500	Senior Seminar	3
Total Hours		60

<sup>1</sup> Students can include an additional art history course in place of one studio art course. Students can count up to six hours of senior honors thesis credit.

<sup>2</sup> Any ARTS classes, including first-year seminars.

<sup>3</sup> Any ARTH classes, including first-year seminars.

B.F.A. students should be aware that courses taken in the Department of Art beyond the 60 credits outlined in the major will not count toward graduation.

All General Education Foundations, Approaches, and Connections requirements must be satisfied.

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	Drawing I	
ARTS 105	Photography I <sup>H</sup>	
ARTS 132	Collage: Strategies for Thinking and Making	
ARTS 202	Painting I	
ARTS 208	Print I	
<b>3-D Courses</b>		
ARTS 103	Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		

ARTS 106	Video I	
ARTS 116	Introduction to Web Media	

**Tier II Studio Art Courses**

ARTS 205	Photography II	3
ARTS 206	Video II	3
ARTS 209	2D Animation	3
ARTS 214	Life Drawing	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	Metal Sculpture	3
ARTS 302	Painting II	3
ARTS 303	Sculpture II	3
ARTS 305	Darkroom Photography	3
ARTS 313	Ceramic II	3
ARTS 324	Drawing II	3
ARTS 337	The Aesthetics of Junk	3
ARTS 348	Lithography	3
ARTS 352	Abstract Painting	3
ARTS 354	Narrative Drawing	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3
ARTS 390	Special Topics in Studio Art	3

**Tier III Studio Art Courses**

ARTS 309	3D Animation	3
ARTS 343	MAKE: Art in the (New) Age	3
ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 355	The Practice of Representation: Portraiture in Photography	3
ARTS 364	The Walking Seminar: A Territorial Investigation	3
ARTS 391	Theory, History, and Practice of Contemporary Curating	3
ARTS 402	Advanced Painting Projects	3
ARTS 403	Advanced Sculpture	1-6
ARTS 409	Art and Science: Merging Printmaking and Biology H	3
ARTS 410	Public Art	3
ARTS 413	Advanced Ceramic Projects	3
ARTS 415	Conceptual-Experimental Photography	3
ARTS 416	Video Art	3
ARTS 417	Advanced Mixed Media Projects	3
ARTS 418	Advanced Printmaking	3
ARTS 423	Installation Art	3
ARTS 428	Book Art	3
ARTS 458	Photo Printmaking	3
ARTS 490	Advanced Special Topics in Studio Art	3
ARTS 493	Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3
ARTS 637	Social Practice and Performance Art	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Honors in Studio Art

The Senior Honors Thesis Project is designed to provide senior studio art majors an opportunity to pursue serious and substantial work that may qualify them to graduate "with honors" or "with highest honors." Students selected for the program conduct original creative research spanning the two semesters of the senior year.

To be eligible to apply for this opportunity, students must be rising senior studio art majors and meet the minimum GPA threshold of 3.3 established by the Honors Carolina office. The application consists of the following:

- A completed application form
- A proposal for the senior thesis project
- A digital portfolio demonstrating a mature capability to perform visual research

A call for applications is announced via the department student listserv in March. Applications are due in early to mid April and are reviewed by the studio faculty within two weeks of the application deadline. If accepted as a studio art honors candidate, students enroll in the honors courses through the student services manager.

Code	Title	Hours
ARTS 691H	Senior Honors Thesis Project in Studio Art (fall) <sup>1</sup>	3
ARTS 692H	Senior Honors Thesis Project in Studio Art (spring) <sup>1</sup>	3

<sup>1</sup> ARTS 691H and ARTS 692H run concurrently with ARTS 499 and ARTS 500, and replace these course requirements for the B.F.A. major.

In addition to the scheduled coursework, studio honors students work with a thesis committee consisting of a thesis advisor – who must be a studio art faculty member – and two additional faculty members, typically the faculty teaching the ARTS 499 and ARTS 500 classes, but faculty from other disciplines may also serve on the honors thesis committee.

In studio art, the thesis project consists of the creative work produced and accompanying written components. Work is reviewed at the end of the fall semester to determine progress toward completion. In the spring semester, the completed honors project work and written thesis are presented to the honors committee for an oral defense. On the basis of this defense and the work presented, the committee determines whether or not a student graduates with an honors designation (honors or highest honors). Honors students exhibit their work in a formal exhibition either as a solo show at the time of the thesis defense and/or as a participant in the Senior Exhibition required for all graduating studio art majors. Studio art honors students also join their art history peers in a departmental honors symposium in April.

Current deadlines, details of the application process, and requirements for the senior studio art honors project (research, work and written components) are available on the art and art history majors' Sakai site or from the student services manager.



## Special Opportunities in Art and Art History

### Independent Study

Students may pursue independent study coursework with individual faculty members. Such work may be undertaken *only* with the permission of the sponsoring faculty member. Students should consult individual faculty members prior to registration to secure permission. A proposal and a contract must be approved by the appropriate director of undergraduate studies (studio art or art history) before students may enroll. (See the the departmental majors' Sakai site for instructions.) Since faculty members are limited to supervising only two independent study students each semester, students are strongly advised to contact the faculty member with whom they wish to work early in the registration period for the upcoming semester.

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### Departmental Involvement

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worked with our students in the past. If you would like to discuss specific ideas about a possible internship, speak to any faculty member or the relevant director of undergraduate studies (art history or studio). All internships taken for UNC credit are subject to governmental guidelines, and students must have internships preapproved and under contract before enrolling for either ARTH 293 or ARTS 493.

### Study Abroad

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### Undergraduate Awards

#### UNDERGRADUATE AWARDS COMPETITION IN STUDIO ART

The studio program awards more than \$24,000 annually to students, with individual awards ranging from a minimum of \$500 to \$3,000. A competition each November allows studio art majors to submit up to four works to be considered for the following scholarships:

- The Alexander Julian Prize (one award to our best student)
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- The Anderson Award
- The Penland School of Craft Scholarships (two awards cover expenses for a summer course at the Penland School of Craft)
- A design honorarium to develop proposals for the Alumni Sculpture Garden (see below).

#### ALUMNI SCULPTURE GARDEN COMPETITION

Every year, the Department of Art and Art History commissions student work for the Alumni Sculpture Garden. Commissions are a minimum of \$5,000, and the department awards up to three commissions. The selection process occurs in three stages: identifying interested students, a design phase, and the production of the work. During the November Awards Competition, interested students compete for one of six \$500 design honorariums that are to be used to develop proposals. Winners of this first phase are required attend a session early in the spring semester to learn about how to develop a proposal and the components that must be included. Proposals are reviewed in March to select winners.

### Undergraduate Research

Opportunities for undergraduate research in the Department of Art and Art History exist in several forms. Detailed descriptions and application guidelines are available on the art majors' Sakai site and from the department's student services manager.

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**The Beatrice Pearman Fund** supports special projects in both art history and studio art. Competitions for art history research funds are held in

the fall and the spring. Studio art students may request funds for special projects by submitting a proposal to the director of undergraduate studies in studio art. Awards are \$500 or less.

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**The Jacquelyn Friedman and Marvin Saltzman Fund in Art** provides supplemental monies for painting supplies for students who for economic reasons may be hindered from working to their full potential. Any undergraduate student with need, regardless of major, enrolled in a departmental studio art painting class during the fall and/or spring semesters is eligible. Students can contact their course instructor or the student services specialist for further information.

## Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis

### Contact Information

#### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

#### Beth Grabowski, Director of Undergraduate Studies

[beth.grabowski@unc.edu](mailto:beth.grabowski@unc.edu)

#### Carol Magee, Chair

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

#### Yulianna Aparicio, Student Services

[yulipo@email.unc.edu](mailto:yulipo@email.unc.edu)

The bachelor of fine arts with art history emphasis degree is designed for students interested in concentrated study in both studio art and art history. Unique to UNC–Chapel Hill, this degree is best suited for students wishing to pursue further education or employment in fields that demand knowledge in both history and practice such as curatorial studies, museum studies, or education. Students pursuing this degree are advised by the directors of undergraduate studies for both studio art and art history. Students interested in this degree should contact both advisors no later than the sophomore year.

## Department Programs

### Majors

- Art History Major, B.A. (p. 212)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Learning Outcomes

The overall goal of the studio art program at UNC–Chapel Hill is for students to develop interconnected skills of creative thinking and critical making in order to produce outstanding works of art.

Upon completion of the studio art program (B.A., B.F.A.), students should be able to demonstrate the following competencies:

- Acquire the technical skills (informed control of technique, process, and materials) and an understanding of principles of visual organization sufficient to achieve basic visual communication and expression in one or more media
- Understand fundamentals of studio practice shared across studio disciplines
- Document and present work (portfolio, exhibition, online gallery) that demonstrates a basic understanding of professional practices
- Develop the ability to think and act creatively through experimentation, and analysis of options and parameters -- enabling work to progress from idea to physical form
- Develop an understanding of creative research as an iterative process that informs and allows artwork to evolve
- Develop effective vocabulary and skill (both verbal and written) to engage in critical analysis of form and content relationships in their own artwork and the work of others

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
<b>Studio Courses</b>		
Three Tier I studio courses		9
Select one 2-D course (see list below)		
Select one 3-D course (see list below)		
Select one 4-D course (see list below)		

Three Tier II studio courses (see list below)	9
Two Tier III studio courses (see list below)	6
Two studio art elective courses <sup>1,2</sup>	6
<b>Art History Courses</b>	
Two art history survey courses numbered ARTH 100 to ARTH 200	6
Seven ARTH courses numbered from ARTH 201 to ARTH 699, with at least two numbered 400 and above <sup>1</sup>	21
<b>Professional Development/Capstone</b>	
ARTS 500 Senior Seminar <sup>3</sup>	3
<b>Total Hours</b>	<b>60</b>

<sup>1</sup> Students can count senior honors thesis credits (up to six hours) as studio or art history electives or split between the two, depending on the nature of the thesis project.

<sup>2</sup> Any ARTS classes, including first-year seminars

<sup>3</sup> May be substituted with an art history (ARTH) capstone.

B.F.A.–A.H. students should be aware that courses taken in the Department of Art beyond the 60 credits outlined in the major will not count toward graduation.

All General Education Foundations, Approaches, and Connections requirements must be satisfied.

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	Drawing I	
ARTS 105	Photography I <sup>H</sup>	
ARTS 132	Collage: Strategies for Thinking and Making	
ARTS 202	Painting I	
ARTS 208	Print I	
<b>3-D Courses</b>		
ARTS 103	Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		
ARTS 106	Video I	
ARTS 116	Introduction to Web Media	
<b>Tier II Studio Art Courses</b>		
ARTS 205	Photography II	3
ARTS 206	Video II	3
ARTS 209	2D Animation	3
ARTS 214	Life Drawing	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	Metal Sculpture	3
ARTS 302	Painting II	3
ARTS 303	Sculpture II	3
ARTS 305	Darkroom Photography	3
ARTS 313	Ceramic II	3

ARTS 324	Drawing II	3
ARTS 337	The Aesthetics of Junk	3
ARTS 348	Lithography	3
ARTS 352	Abstract Painting	3
ARTS 354	Narrative Drawing	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3
ARTS 390	Special Topics in Studio Art	3
<b>Tier III Studio Art Courses</b>		
ARTS 309	3D Animation	3
ARTS 343	MAKE: Art in the (New) Age	3
ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 355	The Practice of Representation: Portraiture in Photography	3
ARTS 364	The Walking Seminar: A Territorial Investigation	3
ARTS 391	Theory, History, and Practice of Contemporary Curating	3
ARTS 402	Advanced Painting Projects	3
ARTS 403	Advanced Sculpture	1-6
ARTS 409	Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTS 410	Public Art	3
ARTS 413	Advanced Ceramic Projects	3
ARTS 415	Conceptual-Experimental Photography	3
ARTS 416	Video Art	3
ARTS 417	Advanced Mixed Media Projects	3
ARTS 418	Advanced Printmaking	3
ARTS 423	Installation Art	3
ARTS 428	Book Art	3
ARTS 458	Photo Printmaking	3
ARTS 490	Advanced Special Topics in Studio Art	3
ARTS 493	Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3
ARTS 637	Social Practice and Performance Art	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Art and Art History

### Independent Study

Students may pursue independent study coursework with individual faculty members. Such work may be undertaken *only* with the permission of the sponsoring faculty member. Students should consult individual faculty members prior to registration to secure permission. A proposal and a contract must be approved by the appropriate director of undergraduate studies (studio art or art history) before students may enroll. (See the the departmental majors' Sakai site for instructions.) Since faculty members are limited to supervising only two independent study students each semester, students are strongly advised to contact

the faculty member with whom they wish to work early in the registration period for the upcoming semester.

Independent study work requires a minimum of three hours per week per credit hour. For example, a typical three-credit-hour class would require at least nine hours of work per week. Once the semester begins, students must meet with the faculty member initially to confirm goals, review expectations, and establish semester deadlines. Thereafter, students must meet regularly to review work in progress, with a suggested biweekly frequency. Total time spent in direct interaction with the faculty member for the semester must average 45 minutes per week. This may be in the form of face-to-face meetings, blog or e-mail exchanges, or group critiques with other independent study students and their advisors.

## Departmental Involvement

Students have opportunities to see and interact with a variety of arts professionals through exhibitions in the Allcott Galleries, installations of sculptural works in the Alumni Sculpture Garden, an artist-in-residence program, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

There are several undergraduate student organizations serving the visual arts at Carolina. The Undergraduate Art Association (UAA) is a campuswide social club that supports and develops undergraduate visual artists at Carolina – regardless of their enrollment in art classes – and strengthens the impact of visual art in the University community. The Studio Art Majors Association (SAMA) is aimed at developing community and professional opportunities that augment the experience for studio art majors and minors, especially through programming of the SAMple Gallery in the Hanes Art Center. ArtHeels is a service-based organization that is passionate about bringing arts (visual, performing, and literary) to the healthcare setting. The Art History Liaisons is the undergraduate art history group. Kappa Pi is the department majors' honors society which includes both studio and art history majors. These groups serve as an important link between the majors and the department's administration. The department utilizes these organizations to facilitate communication about matters of interest, including participation in departmental initiatives or other extracurricular opportunities.

## Internships

Art and art history majors are encouraged to pursue internships at local, regional, or national arts institutions or businesses. Students have worked in many art career contexts including museums and galleries, arts programming, and local businesses specializing in art-related production (photo studios, printmaking studios, illustration, design firms, and publishing). The departmental majors' Sakai site has useful information about the requirements and how to set up the contracts for ARTH 293 and ARTS 493 as well as a partial listing of organizations that have worked with our students in the past. If you would like to discuss specific ideas about a possible internship, speak to any faculty member or the relevant director of undergraduate studies (art history or studio). All internships taken for UNC credit are subject to governmental guidelines, and students must have internships preapproved and under contract before enrolling for either ARTH 293 or ARTS 493.

## Study Abroad

Students are encouraged to pursue study abroad opportunities. While there are many opportunities to study art abroad, the Department of Art and Art History maintains a special affiliation with the Studio Art Centers International (SACI) and the Lorenzo di Medici – both in Florence, Italy – and the Glasgow School of Art in Scotland. Students should discuss their study abroad plans with the undergraduate advisor in studio art

to obtain prior approval for courses taken abroad. Basically, courses that have an equivalent in the UNC–Chapel Hill curriculum usually are approved. Courses that fall outside the UNC–Chapel Hill curriculum must be evaluated on a case-by-case basis. No guarantee exists that a course will transfer for credit unless preapproved. Contact the Study Abroad Office to discuss the procedures for approval.

## Undergraduate Awards

### UNDERGRADUATE AWARDS COMPETITION IN STUDIO ART

The studio program awards more than \$24,000 annually to students, with individual awards ranging from a minimum of \$500 to \$3,000. A competition each November allows studio art majors to submit up to four works to be considered for the following scholarships:

- The Alexander Julian Prize (one award to our best student)
- The Sharpe Scholarships (multiple awards for students receiving financial aid)
- George Kachergis Studio Art Scholarships (multiple awards chosen by a student-designated committee)
- The Anderson Award
- The Penland School of Craft Scholarships (two awards cover expenses for a summer course at the Penland School of Craft)
- A design honorarium to develop proposals for the Alumni Sculpture Garden (see below).

### ALUMNI SCULPTURE GARDEN COMPETITION

Every year, the Department of Art and Art History commissions student work for the Alumni Sculpture Garden. Commissions are a minimum of \$5,000, and the department awards up to three commissions. The selection process occurs in three stages: identifying interested students, a design phase, and the production of the work. During the November Awards Competition, interested students compete for one of six \$500 design honorariums that are to be used to develop proposals. Winners of this first phase are required attend a session early in the spring semester to learn about how to develop a proposal and the components that must be included. Proposals are reviewed in March to select winners.

## Undergraduate Research

Opportunities for undergraduate research in the Department of Art and Art History exist in several forms. Detailed descriptions and application guidelines are available on the art majors' Sakai site and from the department's student services manager.

**Allcott Travel Fellowships** support two summer research projects in studio art and/or art history.

**The Beatrice Pearman Fund** supports special projects in both art history and studio art. Competitions for art history research funds are held in the fall and the spring. Studio art students may request funds for special projects by submitting a proposal to the director of undergraduate studies in studio art. Awards are \$500 or less.

**Summer Undergraduate Research Fellowships (SURF)** are administered through the UNC Office for Undergraduate Research. These \$3,000 awards support undergraduate research projects over the summer. UNC's broad definition of research includes creative practices, and the James Boyd Gadson SURFs are specifically designated for studio art. SURF applications from studio art majors are automatically considered for these Gadson Fellowships. This fund typically supports at least two awards. Application deadlines (usually in February) are set by the Office for Undergraduate Research. Students interested in pursuing summer



research should contact possible faculty sponsors toward the end of the fall semester.

**The Jacquelyn Friedman and Marvin Saltzman Fund in Art** provides supplemental monies for painting supplies for students who for economic reasons may be hindered from working to their full potential. Any undergraduate student with need, regardless of major, enrolled in a departmental studio art painting class during the fall and/or spring semesters is eligible. Students can contact their course instructor or the student services specialist for further information.

## Art History Minor

### Contact Information

#### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

#### Eduardo Douglas, Director of Undergraduate Studies (Art History)

[eduardod@email.unc.edu](mailto:eduardod@email.unc.edu)

#### Carol Magee, Chair

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

#### Yulianna Aparicio, Student Services

[yulipo@email.unc.edu](mailto:yulipo@email.unc.edu)

The art history curriculum is designed to help students acquire an individual perspective on their own values and beliefs and on their places in a society increasingly shaped by visual communication. Majors and minors in art history become acquainted with the historical significance, cultural diversity, and intellectual richness of human artistic traditions, enabling students to investigate the complex roles played by the arts in a variety of social contexts.

## Department Programs

### Majors

- Art History Major, B.A. (p. 212)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of five courses at any level in art history (p. 196).

Students majoring in another department may elect to pursue a minor in art history. Studio art majors may not pursue an art history minor. Students interested in pursuing both programmatic areas of the department may wish to consider the B.F.A.-A.H. degree (p. 222).

See program page here (p. 212) for special opportunities.

## Studio Art Minor

### Contact Information

#### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

#### Beth Grabowski, Director of Undergraduate Studies

[beth.grabowski@unc.edu](mailto:beth.grabowski@unc.edu)

#### Carol Magee, Chair

[cmagee@email.unc.edu](mailto:cmagee@email.unc.edu)

#### Yulianna Aparicio, Student Services

[yulipo@email.unc.edu](mailto:yulipo@email.unc.edu)

Students majoring in another department may elect to pursue a minor in studio art. The minor consists of five courses at different levels. Students minoring in studio art may choose from a broad selection of courses including drawing, painting, ceramics, sculpture, printmaking, digital media, special topics, mixed media, and photography. Art history majors may not pursue a studio art minor. Students interested in pursuing study in both programmatic areas of the department may wish to consider the Bachelor of Fine Arts (B.F.A.) with Art History Emphasis degree.

## Department Programs

### Majors

- Art History Major, B.A. (p. 212)
- Studio Art Major, B.A. (p. 215)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 218)
- Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis (p. 222)

### Minors

- Art History Minor (p. 225)
- Studio Art Minor (p. 225)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)



- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in studio art consists of five courses (15 credit hours).

Code	Title	Hours
<b>Core Requirements</b>		
One Tier I studio course (see list below)		3
One Tier II studio course (see list below)		3
One Tier III studio course (see list below)		3
Two studio art elective courses (any ARTS course, including FYS)		6
Total Hours		15

*Note: Students MUST have appropriate prerequisites to take upper-level courses. Be sure to check the courses in each level to determine the appropriate courses to take in Tiers I and II. You may have to take an additional course to satisfy these requirements.*

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	Drawing I	
ARTS 105	Photography I <sup>H</sup>	
ARTS 132	Collage: Strategies for Thinking and Making	
ARTS 202	Painting I	
ARTS 208	Print I	
<b>3-D Courses</b>		
ARTS 103	Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		
ARTS 106	Video I	
ARTS 116	Introduction to Web Media	
<b>Tier II Studio Art Courses</b>		
ARTS 205	Photography II	3
ARTS 206	Video II	3
ARTS 209	2D Animation	3
ARTS 214	Life Drawing	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	Metal Sculpture	3

ARTS 302	Painting II	3
ARTS 303	Sculpture II	3
ARTS 305	Darkroom Photography	3
ARTS 313	Ceramic II	3
ARTS 324	Drawing II	3
ARTS 337	The Aesthetics of Junk	3
ARTS 348	Lithography	3
ARTS 352	Abstract Painting	3
ARTS 354	Narrative Drawing	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3
ARTS 390	Special Topics in Studio Art	3

### Tier III Studio Art Courses

ARTS 309	3D Animation	3
ARTS 343	MAKE: Art in the (New) Age	3
ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 355	The Practice of Representation: Portraiture in Photography	3
ARTS 364	The Walking Seminar: A Territorial Investigation	3
ARTS 391	Theory, History, and Practice of Contemporary Curating	3
ARTS 402	Advanced Painting Projects	3
ARTS 403	Advanced Sculpture	1-6
ARTS 409	Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTS 410	Public Art	3
ARTS 413	Advanced Ceramic Projects	3
ARTS 415	Conceptual-Experimental Photography	3
ARTS 416	Video Art	3
ARTS 417	Advanced Mixed Media Projects	3
ARTS 418	Advanced Printmaking	3
ARTS 423	Installation Art	3
ARTS 428	Book Art	3
ARTS 458	Photo Printmaking	3
ARTS 490	Advanced Special Topics in Studio Art	3
ARTS 493	Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3
ARTS 637	Social Practice and Performance Art	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 215) for special opportunities.

# DEPARTMENT OF ASIAN STUDIES

## Contact Information

### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)  
New West 113, CB# 3267  
(919) 962-4294

### Nadia Yaqub, Chair

yaqub@email.unc.edu

### Robin Visser, Associate Chair and Director of Undergraduate Studies

rvisser@email.unc.edu

### Lori Harris, Department Manager

lori@unc.edu

## Introduction

The department offers students a range of language classes in Arabic, Chinese, Hebrew, Hindi-Urdu, Japanese, Korean, Persian, and Turkish, as well as a selection of courses taught by our core and affiliated faculty in the humanities (art, drama, linguistics, literature, and religious studies) and in the social sciences (anthropology, economics, geography, history, political science, sociology, and urban studies).

Students majoring in the Department of Asian Studies also may pursue a minor in the department that is different from their major.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. All majors are also required to meet each fall with a faculty advisor within the department. Departmental advising is an opportunity to discuss major progress, course selection and planning, study abroad, graduate school, career opportunities, and other matters pertinent to the major field. Advisors are assigned by concentration; advisor listings and contact information may be found on the department's Web site and are also disseminated via the majors' listserv.

## Facilities

Students taking courses in the Department of Asian Studies have support for their work through the Language Resource Center (LRC), housed on the ground floor of Dey Hall. The LRC provides resources and services for language teaching and learning, including audio and video materials; smart classrooms with PCs and projection equipment; listening, viewing, and recording facilities; a walk-in computer lab; and online databases for language learning.

## Graduate School and Career Opportunities

As a liberal arts major, the Asian studies major trains undergraduates to read and think analytically and to present their ideas effectively orally and in writing, essential preparation for a variety of careers and for the responsibilities of living in an interdependent world. Graduates of the program have continued their academic preparation in top-ranked graduate programs across the country while others have built

distinguished careers in fields including arts, banking, government, international education, journalism, law, medicine, and public health.

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.—Chinese Concentration (p. 256)
- Asian Studies Major, B.A.—Japanese Concentration (p. 259)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Professors

Jan Bardsley, Morgan Pitelka.

## Associate Professors

Mark Driscoll, Li-ling Hsiao, Ji-Yeon Jo, Wendan Li, Pamela Lothspeich, Yaron Shemer, Afroz Taj, Robin Visser, Nadia Yaqub, Gang Yue.

## Assistant Professors

Fadi Bardawil, Uffe Bergeton, I Jonathan Kief, Claudia Yaghoobi.

## Teaching Professor

Yi Zhou.

## Teaching Associate Professors

Yuki Aratake, Yuko Kato.

## Teaching Assistant Professors

Shahla Adel, Farida Badr, Dongsoo Bang, Luoyi Cai, John Caldwell, Doria El Kerdany, Lini Ge, Didem Havlioglu, Fumi Iwashita, Bud Kauffman, Eunji Lee, Jia Lin, Katsu Sawamura, Khalid Shahu, Hanna Sprintzik.

## Affiliated Faculty

Barbara Ambros (Religious Studies), Glaire Anderson (Art), Lorraine Aragon (Anthropology), Benjamin Arbuckle (Anthropology), Cemil Aydin (History), Inger Brodey (English and Comparative Literature), Yong Cai (Sociology), Jocelyn Chua (Anthropology), Peter A. Coclanis (History), Barbara Entwisle (Sociology), Carl Ernst (Religious Studies), Emma Flatt (History), Banu Gökarişel (Geography), Guang Guo (Sociology), Juliane Hammer (Religious Studies), Gail Henderson (Social Medicine), Carmen Hsu (Romance Studies), Heidi Kim (English and Comparative Literature), Michelle King (History), Charles Kurzman (Sociology), David Lambert (Religious Studies), Christian Lentz (Geography), Lauren Leve (Religious Studies), Townsend Middleton (Anthropology),

Christopher Nelson (Anthropology), Donald M. Nonini (Anthropology), Lisa Pearce (Sociology), Ronald Rindfuss (Sociology), Steven Rosefelde (Economics), Iqbal Sevea (History), Sarah Shields (History), Kumi Silva (Communication), Jennifer Smith (Linguistics), Sara Smith (Geography), Yan Song (City and Regional Planning), Eren Tasar (History), Meenu Tewari (City and Regional Planning), Michael Tsin (History), Margaret Wiener (Anthropology).

## Professor Emeritus

Jerome P. Seaton.

## Senior Lecturer Emeritus

Eric Henry.

## ASIA–Asian Studies (in English)

### Undergraduate-level Courses

#### ASIA 52. First-Year Seminar: Food in Chinese Culture. 3 Credits.

Examines the cultural practice and meanings of food, cooking, eating, and drinking through Chinese literature and cinema. Main themes include food and rituals, gourmandism and poetic taste, cannibalism and the grotesque, and hunger and revolution.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### ASIA 53. First-Year Seminar: Israeli Popular Culture: The Case of Music. 3 Credits.

An introduction to Israeli popular culture, with a transnational and interdisciplinary frame. Focusing on Israeli music, exploring its different genres and the cultural richness developed since Zionism, reaching along the way a broad understanding of Israeli society. Students may not receive credit for both ASIA 53 and ASIA 106.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** JWST 53.

#### ASIA 54. First-Year Seminar: The American Life of Japanese Women. 3 Credits.

Considers how American popular culture has portrayed Japanese women since the 1860s, asking what this reveals about changing American ideas of race, gender, and national identity.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

#### ASIA 55. First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture. 3 Credits.

Film, history, novels, and theater are used to explore the rich, complex kung-fu tradition in Chinese culture from ancient to modern times, as well as its appropriation in foreign films.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

#### ASIA 56. First-Year Seminar: Writing Women in Modern China. 3 Credits.

Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** WGST 56.

#### ASIA 56H. First-Year Seminar: Writing Women in Modern China. 3 Credits.

Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** WGST 56H.

#### ASIA 57. First-Year Seminar: Dis-Orienting the Orient. 3 Credits.

Examines how the East is constructed as the Orient in different historical periods: 19th-century European colonialism, 1950s to 1960s Hollywood films, contemporary Japanese animation, and the current global war on terrorism.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

#### ASIA 58. First-Year Seminar: Chasing Madame Butterfly. 3 Credits.

Course explores diverse tales of Madame Butterfly from Puccini's famous opera to productions of M. Butterfly and Miss Saigon, asking questions about constructions of race, gender, nation, travel, and romance.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

#### ASIA 58H. First-Year Seminar: Chasing Madame Butterfly. 3 Credits.

Course explores diverse tales of Madame Butterfly from Puccini's famous opera to productions of M. Butterfly and Miss Saigon, asking questions about constructions of race, gender, nation, travel, and romance.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

#### ASIA 59. First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan. 3 Credits.

Explores different examples of broadcast and digital media (music videos, soap operas and reality shows, radio, and the Internet) with respect to history, gender, sexuality, globalization, religion, regionalism, and activism.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

#### ASIA 60. First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities. 3 Credits.

The course explores selected themes and case studies pertinent to culture and society in modern Israel, with emphasis on debates about "Israeliness" in various cultural and social arenas.

**Gen Ed:** BN.

**Grading status:** Letter grade

**Same as:** JWST 60.

#### ASIA 61. First-Year Seminar: India through the Lens of Master Filmmakers. 3 Credits.

Elements of Indian culture and history are illuminated through works chiefly in the art film genre. Basic film theory is also introduced to help students read the text of film.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

#### ASIA 63. First-Year Seminar: Japanese Tea Culture. 3 Credits.

This seminar explores the history of tea culture in Japan, particularly the emergence in the 16th and 17th centuries of the ritualized practice often referred to in English as the "tea ceremony" (chanoyu). Practitioners included merchants, Buddhist monks, warlords, European Jesuits, and professional tea masters.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**ASIA 64. First-Year Seminar: Arab World Photography. 3 Credits.**

Introduces students to photography in the Arab world, including colonial and Orientalist photography, indigenous studio and portrait photography, the ethics of photographing disasters, art photography, and photography and revolutions.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ASIA 65. First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought. 3 Credits.**

This course will introduce students to the main works and themes in early Chinese thought from the earliest recorded writings down to the Qin unification in 221 BCE.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**ASIA 67. First-Year Seminar: Japanese Fashion: History and Culture. 3 Credits.**

Explores fashion's role in constructing class, gender, and nationhood in Japan, and appreciation of Japanese culture abroad through adaptation of Japanese fashions.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

**ASIA 67H. First-Year Seminar: Japanese Fashion: History and Culture. 3 Credits.**

Explores fashion's role in constructing class, gender, and nationhood in Japan, and appreciation of Japanese culture abroad through adaptation of Japanese fashions.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

**ASIA 69. First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan. 3 Credits.**

In this seminar, we will explore the various ways that Iran-Iraq, United States-Iraq, and United States-Afghanistan wars have been portrayed in literature, film, and photography. We will deepen and enrich our understanding of war experienced by both veterans and civilians. We will also read articles on war criticism and psychology.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** PWAD 69.

**ASIA 70. First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals. 3 Credits.**

This seminar explores the memoirs of prominent novelists, sociologists, feminists, and literary critics. We will explore central themes such as the relations between East and West; tradition and modernity; identity and difference; home and exile; masculine and feminine; sacred and profane; youth and adulthood; origins and becomings.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ASIA 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ASIA 89H. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ASIA 106. Israeli Popular Culture: The Case of Music. 3 Credits.**

An introduction to Israeli popular culture, with a transnational and interdisciplinary frame. Focusing on Israeli music, exploring its different genres and the cultural richness developed since Zionism, reaching along the way a broad understanding of Israeli society. Students may not receive credit for both ASIA 53 and ASIA 106.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**ASIA 122. Introduction to Iranian Culture. 3 Credits.**

This course will examine the cultural identity of the country of Iran and its people, from its roots in antiquity to the modern day. Students develop familiarity with cultural facts of life and traditions that have made Iran a significant and distinctive cultural arena for more than 3,000 years.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ASIA 124. Iranian Post-1979 Cinema. 3 Credits.**

We examine the ways the medium has been used to incorporate political and social perspectives, challenge the government, and document the lives and struggles of Iranian people. Among the topics explored are Iranian culture and society, gender politics, ethnicity, attitudes about religion, role of children, and various schools of realism. Previously offered as ASIA 224.

**Gen Ed:** LA, BN, EE- Performing Arts.

**Grading status:** Letter grade.

**ASIA 126. Introduction to Persian Literature. 3 Credits.**

This course introduces students to Persian literature from classical to contemporary writers in translation to help them understand the efforts of the Iranian literati in addressing issues surrounding love, the sacred, human diversity, inclusiveness, and the rise of the modern nation-state in Iran through the use of literature.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**ASIA 127. Iranian Women Writers. 3 Credits.**

This course introduces students to Iranian women's issues through their literary works. To contextualize, we will read articles and essays on the historical, cultural, social, political, and economic backgrounds. In order to approach these literary works in a more effective manner, we will also be reading various secondary materials.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** WGST 127.

**ASIA 131. Southeast Asia to the Early 19th Century. 3 Credits.**

The history of Southeast Asia from prehistory to "high imperialism." Long-term political, economic, social, and religious developments, including Indianization, the impact of China, and the first contacts with Europeans.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** HIST 131.

**ASIA 133. Introduction to Chinese History. 3 Credits.**

Chinese history from its beginnings to the present, organized around the central theme of how the identity of China and 'Chineseness' was created.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 133.

**ASIA 134. Modern East Asia. 3 Credits.**

Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 134, PWAD 134.

**ASIA 135. History of the Indian Subcontinent to 1750. 3 Credits.**

An introduction to major political, religious, social, and cultural events from 3500 BCE to 1750 CE with a focus on Hindu, Muslim, and Buddhist groups before British colonial rule.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** HIST 135.

**ASIA 136. History of India, Pakistan, and Bangladesh: South Asia since 1750. 3 Credits.**

This course is an introduction to modern India, Pakistan, and Bangladesh. We will investigate major political, social, economic, and cultural issues from 1750 to the present.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 136.

**ASIA 138. History of Muslim Societies to 1500. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both HIST 138/ASIA 138 and ASIA 180/RELI 180.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** HIST 138.

**ASIA 139. History of Muslim Societies since 1500. 3 Credits.**

A broad interdisciplinary survey of the later Islamic empires since the 15th century and their successor societies in the modern Muslim world. Students may not receive credit for both ASIA 139/HIST 139 and ASIA 181/RELI 181

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 139.

**ASIA 150. Asia: An Introduction. 3 Credits.**

The course introduces Asia's historical, cultural, and political diversity by examining some of the global forces that have shaped Asian societies (e.g., colonialism, orientalism, and neoliberalism).

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**ASIA 151. Literature and Society in Southeast Asia. 3 Credits.**

This course is an introduction to the societies of Southeast Asia through literature. Background materials and films will supplement the comparative study of traditional works, novels, short stories, and poems.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ASIA 152. Survey of South Asian Cultural History. 3 Credits.**

Readings from diverse disciplines illuminate the broad features of South Asia throughout history. Topics include political history and social thought, including gender and caste, and religious and imaginative literature.

**Gen Ed:** LA, BN, WB.

**Grading status:** Letter grade.

**ASIA 153. Introduction to South Asian Art. 3 Credits.**

An introductory survey of the visual arts of South Asia.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** ARTH 153.

**ASIA 154. Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE). 3 Credits.**

This course introduces the arts of the Islamic lands from the seventh-century rise of the Umayyad dynasty of Syria to the 16th-century expansion of the Ottoman Empire.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ARTH 154.

**ASIA 154H. Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE). 3 Credits.**

This course introduces the arts of the Islamic lands from the seventh-century rise of the Umayyad dynasty of Syria to the 16th-century expansion of the Ottoman Empire.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ARTH 154H.

**ASIA 158. Introduction to East Asian Art and Architecture. 3 Credits.**

This course traces the history of art and architecture in premodern East Asia, emphasizing ideas and ways of seeing and representing that were common or different across East Asia.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** ARTH 158.

**ASIA 163. Hindi-Urdu Poetry in Performance. 3 Credits.**

This course examines the connection between poetry and performance in the context of Hindi-Urdu literature, particularly the genres of Sufi poetry (qawwali), Bhakti poetry, and the Ghazal.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ASIA 164. Music of South Asia. 3 Credits.**

This course provides a comprehensive overview of the music of South Asia, focusing on India, Pakistan, and Bangladesh. The entire spectrum of musical genres will be covered.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** MUSC 164.

**ASIA 180. Introduction to Islamic Civilization. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both RELI 180/ASIA 180 and ASIA 138/HIST 138.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 180.

**ASIA 181. Modern Muslim Societies. 3 Credits.**

This course surveys important developments in modern Muslim societies since the 16th century and up to the present. Topics covered include Muslim experiences with colonialism and nationalism, modernist reform movements, fundamentalism, women's activism and changes in Qur'an interpretation, Islamic law, and religious practice. Students may not receive credit for both RELI 181/ASIA 181 and ASIA 139/HIST 139.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** RELI 181.



**ASIA 183. Asian Religions. 3 Credits.**

An introduction to major religions of South Asia and East Asia, such as Hinduism, Sikhism, Buddhism, Confucianism, Daoism, and Shinto.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 183.

**ASIA 228. Contested Souls: Literature, the Arts, and Religious Identity in Modern India. 3 Credits.**

An analysis of how historical interactions between Hinduism and Islam have inspired the creation of philosophies and great works of literature and art that continue to inform Indian society today.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ASIA 229. Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures. 3 Credits.**

Youth subcultural practices studied across East Asia. Course examines how young people create meaningful social worlds, from cosplay to skateboarding to video gaming communities. Considers how changes in consumerism, body image, education, and family produce a volatile landscape for youth along the Pacific Rim.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**ASIA 231. Bollywood Cinema. 3 Credits.**

This course explores the development of the Indian cinema, with particular emphasis on the Hindi-Urdu films produced in Mumbai (Bollywood).

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ASIA 233. Drugs, Sex, and Sovereignty in East Asia, 1800-1945. 3 Credits.**

East Asia's thousand-year superiority in global trade was lost when Britain began illegally selling massive amounts of opium in the 18th century, causing cultural and political changes in Japan and China. This course will analyze these changes in terms of sexuality and political sovereignty from 1800 until World War II.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**ASIA 235. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** JWST 235, PWAD 235.

**ASIA 235H. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** JWST 235H, PWAD 235H.

**ASIA 240. Performance in Southeast Asia: Gongs, Punks, and Shadow Plays. 3 Credits.**

The study and comparison of contemporary Southeast Asian performance genres (music, theatre, dance, ritual) in historical and cultural contexts.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** MUSC 240.

**ASIA 241. Asian Literature/Study Abroad Program. 3-6 Credits.**

This course, taught in a study abroad program in Asia, will focus on topics related to Asian literature.

**Gen Ed:** LA, BN.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ASIA 242. Asian Fine Arts/Study Abroad Program. 3-6 Credits.**

This course, taught in a study abroad program in Asia, will focus on topics related to Asian fine arts.

**Gen Ed:** VP, BN.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ASIA 243. Asian Societies/Study Abroad Program. 3 Credits.**

This course, taught in a study abroad program in Asia, will examine Asian society from a social science perspective.

**Gen Ed:** SS, BN.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ASIA 244. Asian History/Study Abroad Program. 3-6 Credits.**

This course, taught in a study abroad program in Asia, will focus on topics related to Asian history.

**Gen Ed:** HS, BN.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ASIA 251. Art in the Age of the Caliphs. 3 Credits.**

Introduces the art and architecture of the caliphal period, concentrating on the seventh through 12th centuries (the "classical" period of Islamic art).

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ARTH 251.

**ASIA 252. Popular Culture in Modern Southeast Asia. 3 Credits.**

This course examines popular culture in Southeast Asia as a response to colonialism, nationalism, modernization, the state, and globalization. Topics include theater, film, pop songs, television, rituals, and the Internet.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** CMPL 252.

**ASIA 255. The Feast in Film, Fiction, and Philosophy. 3 Credits.**

Comparative and interdisciplinary study of feasting and its philosophical underpinnings, with special attention to the multiple purposes and nuances of food and feasting in literature, film, and the visual arts.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** CMPL 255.

**ASIA 255H. The Feast in Film, Fiction, and Philosophy. 3 Credits.**

Comparative and interdisciplinary study of feasting and its philosophical underpinnings, with special attention to the multiple purposes and nuances of food and feasting in literature, film, and the visual arts.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** CMPL 255H.

**ASIA 256. Love in Classical Persian Poetry. 3 Credits.**

We will examine the binaries of sacred and profane love, transgression and the law, self and the other, human diversity and inclusiveness in classical Persian poetry. We will explore the intersections of class, gender, sexuality, religion, etc. We will explore the poems inside their historical, cultural, and social contexts.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade

**Same as:** CMPL 256.

**ASIA 258. Iranian Prison Literature. 3 Credits.**

This course explores literature written in prisons, particularly under the Islamic Republic. Students will read documents to understand human rights (and violations thereof) from a historical perspective. Since literature, film, philosophy, and theory offer invaluable perspectives, we will examine their contributions in the reflection on human rights in Iran's prisons.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** CMPL 258.

**ASIA 261. India through Western Eyes. 3 Credits.**

Examines Western views of India and Indian culture and how these views differ from the way Indians in India and Indian immigrants in the West understand themselves and express their relationship to India through novels and travelogues.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** CMPL 261.

**ASIA 262. Nation, Film, and Novel in Modern India. 3 Credits.**

Focus on how modern Indian writers and filmmakers have represented the creation of an Indian national identity through such historical periods as British colonialism, the Rebellion of 1857, the Indian Independence Movement, the Partition, and the eras of national integration and globalization.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ASIA 265. Eastern Asia. 3 Credits.**

Spatial structure of population, urbanization, agriculture, industrialization, and regional links in China, Japan, and Korea. (Regional)

**Grading status:** Letter grade

**Same as:** GEOG 265.

**ASIA 266. Arts of Early & Medieval Asia. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course is an introduction to the visual culture of early and medieval India.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** ARTH 266.

**ASIA 267. South Asia. 3 Credits.**

Introduces students to the geography of South Asia, including an overview of the physical environment, cultural practices, and economic development. Emphasizes the political geography of South Asia and political and social processes such as nationalism and colonialism that have played a formative role in the region.

**Gen Ed:** BN.

**Grading status:** Letter grade

**Same as:** GEOG 267.

**ASIA 272. Contemporary India, Pakistan, and Bangladesh. 3 Credits.**

Provides students with a critical understanding of the political, economic, and social dynamics of contemporary South Asia. Themes explored include the development (or lack of) democratic structures, continuing relevance of caste and religion, emergence of right wing movements, contesting representations of the past, and the prospects and challenges confronting the region.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 272.

**ASIA 273. Arts Under the Mughal Dynasty in India. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course explores the visual culture patronized by the Mughal dynasty in India from the 11th to the 17th centuries.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** ARTH 273.

**ASIA 276. The Modern Middle East. 3 Credits.**

This course introduces students to the recent history of the Middle East, including a comparison of the Middle East to the United States.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** HIST 276.

**ASIA 277. The Conflict over Israel/Palestine. 3 Credits.**

Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 277, PWAD 277.

**ASIA 280. Hindu Gods and Goddesses. 3 Credits.**

This courses focuses on the ways Hindu gods and goddesses are experienced in South Asia through analysis of literary works, including texts, film, comic books, performance, and ethnography. We will also examine key Hindu concepts (dharma, karma, and caste) in Hindu religious narratives.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RELI 280.

**ASIA 280H. Hindu Gods and Goddesses. 3 Credits.**

This courses focuses on the ways Hindu gods and goddesses are experienced in South Asia through analysis of literary works, including texts, film, comic books, performance, and ethnography. We will also examine key Hindu concepts (dharma, karma, and caste) in Hindu religious narratives.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RELI 280H.

**ASIA 281. The Pacific War, 1937-1945: Its Causes and Legacy. 3 Credits.**

An examination of the origins of the Pacific War, the course of this bitter and momentous conflict, and its complex legacy for both Asia and the United States.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** HIST 281, PWAD 281.

**ASIA 282. China in the World. 3 Credits.**

This course explores the evolution of China as a geopolitical entity from global perspectives, 1350 to the present.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**ASIA 284. The Buddhist Tradition: East Asia. 3 Credits.**

An examination of the development of Buddhism after its importation to East Asia.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 284.

**ASIA 285. The Buddhist Tradition: Southeast Asia and Sri Lanka. 3 Credits.**

This course explores the Theravada school of Buddhism and themes in the social, cultural, and political lives of the Theravada Buddhist countries of Southeast Asia and Sri Lanka.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** RELI 285.

**ASIA 287. Japan's Modern Revolution. 3 Credits.**

Covering the period from 1600 to 1900, this course examines the causes and impact of the Meiji Restoration of 1868, which marked the start of modern Japan.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 287.

**ASIA 288. Japan in the 20th Century. 3 Credits.**

Topics include the Japanese Empire, the road to the Pacific War, defeat, the Allied occupation, Japan's recovery from war, and development into a democracy and the world's second largest economy.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 288.

**ASIA 300. The Buddhist Tradition: India, Nepal, and Tibet. 3 Credits.**

Examines the diverse beliefs, practices, and cultures associated with Buddhism in the Himalayan regions of India, Nepal, and Tibet. Topics include Buddhism's development and spread, the cultural dynamics of Himalayan societies, monasticism, folk religion, revivalism, tourism, gender, globalization, and the role of the state in shaping Buddhist life and culture.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade

**Same as:** RELI 283.

**ASIA 301. Premodern Japanese Religions. 3 Credits.**

Historical survey of the major premodern religious traditions in Japan: Shinto, Buddhism, Shugendo, and Christianity.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 286.

**ASIA 302. Modern Japanese Religions. 3 Credits.**

Survey of the major religious traditions in modern and contemporary Japan: Shinto, Buddhism, and the New Religions.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** RELI 287.

**ASIA 303. Chinese Religions. 3 Credits.**

Historical introduction to Chinese religions: Confucianism, Daoism, Buddhism, and folk religion.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 288.

**ASIA 304. Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia. 3 Credits.**

Which of the following would you consider potentially political issues: celibacy; semen retention; body-building; depiction of gods/goddesses; or bomb making? Well, they all are. This course examines debates over sex, religion, and violence that constituted a key part of revolutionary thought and anti-colonial struggles in modern South Asia.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 331.

**ASIA 329. Middle East Women Writers. 3 Credits.**

We examine works written by Middle Eastern women. We will begin with reading speeches and short stories in the 1860s. We will focus on topics such as Middle Eastern women and feminism and the West; women and nationalism; women and colonialism; women and patriarchy; women, sexuality, and religion.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** WGST 329.

**ASIA 330. Melancholy Japan: Myth, Memory, and Everyday Life. 3 Credits.**

Ethnographic study of the profound social and cultural transformations that accompanied the capitalist modernization of Japan. Considers the emergence of native ethnology and state interventions into everyday life.

**Gen Ed:** SS, BN, CI.

**Grading status:** Letter grade

**Same as:** ANTH 330.

**ASIA 331. Cracking India: Partition and Its Legacy in South Asia. 3 Credits.**

What happened when the British carved Pakistan out of the Muslim-dominated corners of India? Readings and films focus on the causes and consequences of this event, the Partition of India.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** PWAD 331, HIST 335.

**ASIA 332. The Story of Rama in India. 3 Credits.**

Centered on the story of the Hindu god Rama, this course explores Valmiki's Ramayana, alternate versions of the story, its performance in theatre, and its role in politics. Students may not receive credit for both ASIA 332 and ASIA 382.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ASIA 333. The Mahabharata: Remembered and Reimagined. 3 Credits.**

This course offers an introduction to the Sanskrit Mahabharata as well as modern retellings of the epic in contemporary literature, film, and theatre of India. Students may not receive credit for both ASIA 333 and ASIA 383.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**ASIA 350. The Asian American Experience. 3 Credits.**

The course addresses the history and sociology of Asian immigration and experience in the United States, as well as the formation of diasporic identities among Asian Americans.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** AMST 352.

**ASIA 357. The Arab-Jews: Culture, Community, and Coexistence. 3 Credits.**

This course is designed to examine Jewish life in Arab lands in the last century by examining culture, language, and the communal life that the Arab-Jews shared with their neighbors.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** JWST 357, PWAD 362.

**ASIA 359. Literary Diasporas of the Middle East. 3 Credits.**

Analyzing the relationship between the diaspora communities and their new surroundings by drawing on theories of migration, narration, and identity, we will examine the literature born out of this discourse. We will shed light on the historical, cultural, and aesthetic value of this literary production in the Middle East.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** CMPL 359.

**ASIA 360. Contemporary Asian American Literature and Theory. 3 Credits.**

This course will explore contemporary Asian American literature and theory and will examine how Asian American literature fits into, yet extends beyond, the canon of American literature.

**Gen Ed:** LA, US.

**Grading status:** Letter grade

**Same as:** ENGL 360.

**ASIA 375. Memory, Massacres, and Monuments in Southeast Asia. 3 Credits.**

The past in Southeast Asia's present, focusing on global, national, and local processes; individual and collective memory; and the legacies of violent death.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ANTH 375.

**ASIA 379. Cowboys, Samurai, and Rebels in Film and Fiction. 3 Credits.**

Cross-cultural definitions of heroism, individualism, and authority in film and fiction, with emphasis on tales or images that have been translated across cultures. Includes films of Ford, Kurosawa, and Visconti.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** CMPL 379.

**ASIA 379H. Cowboys, Samurai, and Rebels in Film and Fiction. 3 Credits.**

Cross-cultural definitions of heroism, individualism, and authority in film and fiction, with emphasis on tales or images that have been translated across cultures. Includes films of Ford, Kurosawa, and Visconti.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** CMPL 379H.

**ASIA 380. Almost Despicable Heroines in Japanese and Western Literature. 3 Credits.**

Authors' use of narrative techniques to create the separation between heroines and their fictional societies and sometimes also to alienate readers from the heroines. Austen, Flaubert, Ibsen, Arishima, Tanizaki, Abe.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** CMPL 380, WGST 380.

**ASIA 382. The Story of Rama in Indian Culture--Experiential. 3 Credits.**

Explores Valmiki's Ramayana (story of the Hindu god Rama), alternate versions of the story, its performance in theater, and its role in politics. Students work outside of class to stage scenes from the Ramayana, open to the public. Students may not receive credit for both ASIA 332 and ASIA 382.

**Gen Ed:** LA, BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** RELI 382.

**ASIA 383. The Mahabharata: Remembered and Reimagined--Experiential. 3 Credits.**

Introduction to the classical Mahabharata as well as modern retellings of the epic in contemporary literature, film, and theater of India. Students work outside class to stage one or more scenes from the Mahabharata, open to the public. Students may not receive credit for both ASIA 333 and ASIA 383.

**Gen Ed:** LA, BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** RELI 383.

**ASIA 384. Religion and Globalization in Southeast Asia. 3 Credits.**

How does globalization affect religious life? How do historical, cultural, and religious traditions mediate the experience of globalization in particular locales? This course analyzes the forces and practices associated with political-economic and cultural globalization in Southeast Asia and explores the religious transformations and innovations that these processes have inspired.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** RELI 384.

**ASIA 386. Dance and Embodied Knowledge in the Indian Context. 3 Credits.**

In this theory-practice course focusing on religion, performance, and South Asian studies we will analyze the nature of embodied knowledge, aesthetic theory, and the creative power of dance performance in the Indian context. The course also includes a practical component involving embodied experience with Indian classical dance forms.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** RELI 386, COMM 386.

**ASIA 387. Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture. 3 Credits.**

This course offers an introduction to the history and practice of East Asian martial arts. We will explore the social, political, and cultural contexts of the martial arts, from the classical period to the present. Integral to this course is a practical component involving embodied experience with martial arts training.

**Gen Ed:** BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** RELI 387, COMM 387.

**ASIA 390. Seminar in Asian Studies. 3 Credits.**

Permission of the instructor. When offered, the topic will vary with the instructor. The class will be limited to a seminar size.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ASIA 425. Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music. 3 Credits.**

Focuses on the various collaborations, exchanges, and mutual enrichment between Israelis and Palestinians in the realm of culture, particularly literature and cinema. These connections include language (Israeli Jewish authors writing in Arabic and Palestinian writers who choose Hebrew as their language of expression), collaborating in filmmaking, and joint educational initiatives.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** PWAD 425, JWST 425.

**ASIA 429. Culture and Power in Southeast Asia. 3 Credits.**

The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** ANTH 429, FOLK 429.

**ASIA 431. Persian Sufi Literature. 3 Credits.**

This course aims to explore Persian Sufism, its foundation, Sufi practices and doctrines, and Sufi themes in literature. By looking at its development, we will examine the nature of Sufism, the controversies and debates, and the influence of Sufism on the literary dimension of the Islamic world.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade.

**ASIA 435. The Cinemas of the Middle East and North Africa. 3 Credits.**

This course explores the social, cultural, political, and economic contexts in which films are made and exhibited and focuses on shared intra-regional cinematic trends pertaining to discourse, aesthetics, and production.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** PWAD 435.

**ASIA 436. Language, Exile, and Homeland in Zionist Thought and Practice. 3 Credits.**

Employing Zionist and post- and anti-Zionist documents, treatises, and mostly literary and cinematic texts, this class will focus on the relations between language, Jewish-Israeli identity, and the notion of homeland. Previously offered as HEBR 436.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** JWST 436.

**ASIA 442. Postcolonial Literature of the Middle East. 3 Credits.**

This course introduces students to postcolonial literature and theory.

The main focus in the course is on literary texts and literary analysis.

However, we will use postcolonial theory to engage critically with the primary texts within a postcolonial framework. We will explore language, identity, physical and mental colonization, and decolonization.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** CMPL 442.

**ASIA 445. Asian Religions in America. 3 Credits.**

A study of intercultural interaction and interreligious encounter focusing on Asian religions in America, 1784 to the present.

**Gen Ed:** GL, US.

**Grading status:** Letter grade

**Same as:** RELI 445.

**ASIA 447. Gender, Space, and Place in the Middle East. 3 Credits.**

Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)

**Grading status:** Letter grade

**Same as:** GEOG 447, WGST 447.

**ASIA 453. Global Shangri-La: Tibet in the Modern World. 3 Credits.**

An examination of the history, society, and culture of modern Tibet and its imagination in the context of international politics and from a multidisciplinary perspective.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**ASIA 456. Art and Visual Culture of South Asia. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This thematic course explores how objects and monuments are viewed, experienced, and used in a ritual context in South Asia.

**Grading status:** Letter grade

**Same as:** ARTH 456.

**ASIA 458. Islamic Architecture and the Environment. 3 Credits.**

Explores the ways in which architecture and environment interact in Islamic societies from the medieval period to the present, including topics such as gardens, palaces, and villas, urban design, and the role of water.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ARTH 458.

**ASIA 468. Visual Arts and Culture in Modern and Contemporary China. 3 Credits.**

This course examines visual materials, including those from fine arts, commerce, popular culture, political propaganda, avant-garde movements, etc., produced in modern and contemporary China as an important means of defining China's self-identity in the modern and global world.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ARTH 468.



**ASIA 469. Asian Economic Systems. 3 Credits.**

This course provides an in-depth examination of the behavioral principles and performances of five core Asian economic systems: Japan, China, Taiwan/South Korea, North Korea and Thailand.

**Requisites:** Prerequisites, ECON 400, and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required.

**Grading status:** Letter grade

**Same as:** ECON 469.

**ASIA 471. Gender and Sexuality in Middle Eastern Literature. 3 Credits.**

We examine gender and sexuality in literature written by various authors from the Middle East. Our discussions will focus on the significance of sexuality, harems, same-sex desire and homosexuality, construction of female sexuality, masculinity, contraception and abortion, the institution of marriage, gay/lesbian underground subcultures, and social media as sexual outlet.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** WGST 471.

**ASIA 481. Rhetoric of Silence: Cross-Cultural Theme and Technique. 3 Credits.**

The uses of literary silence for purposes such as protest, civility, joy, oppression, nihilism, awe, or crisis of representation. Authors include Sterne, Goethe, Austen, Kawabata, Soseki, Oe, Toson, Camus, Mann.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** CMPL 481.

**ASIA 482. Sex, Gender, and Religion in South Asia. 3 Credits.**

This seminar draws on feminist and philosophical theory, including the works of Plato, Butler, and Foucault, as well as postcolonial theory, to explore the categories of sex and gender in South Asian religions. We also analyze the moral cultivation of the self in relation to gender identity in South Asia.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade

**Same as:** RELI 482, WGST 482.

**ASIA 483. Cross-Currents in East-West Literature. 3 Credits.**

The study of the influence of Western texts upon Japanese authors and the influence of conceptions of "the East" upon Western writers. Goldsmith, Voltaire, Soseki, Sterne, Arishima, Ibsen, Yoshimoto, Ishiguro.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** CMPL 483.

**ASIA 486. Literary Landscapes in Europe and Japan. 3 Credits.**

Changing understandings of nature across time and cultures, especially with regard to its human manipulation and as portrayed in novels of Japan and Europe. Rousseau, Goethe, Austen, Abe, Mishima.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** CMPL 486.

**ASIA 486H. Literary Landscapes in Europe and Japan. 3 Credits.**

Changing understandings of nature across time and cultures, especially with regard to its human manipulation and as portrayed in novels of Japan and Europe. Rousseau, Goethe, Austen, Abe, Mishima.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** CMPL 486H.

**ASIA 487. Mountains, Pilgrimage, and Sacred Places in Japan. 3 Credits.**

This course explores the role that mountains and pilgrimage have played in Japanese cosmology and how they relate to methodology of studying place and space.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** RELI 487.

**ASIA 488. Shinto in Japanese History. 3 Credits.**

This course discusses the development of Shinto in Japanese history and covers themes such as myths, syncretism, sacred sites, iconography, nativism, religion and the state, and historiography.

**Gen Ed:** BN, CI, WB.

**Grading status:** Letter grade

**Same as:** RELI 488.

**ASIA 489. Animals in Japanese Religion. 3 Credits.**

Permission of the instructor. This course examines the cultural construction of animals in Japanese myth, folklore, and religion.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RELI 489.

**ASIA 490. Advanced Topics in Asian Studies. 1-4 Credits.**

The course topic will vary with the instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 3 total completions.

**Grading status:** Letter grade.

**ASIA 496. Independent Readings. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue a project in Asian studies under the supervision of a selected instructor. Course is limited to three credit hours per semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ASIA 522. The Beauty and the Power of the Classical Indian World. 3 Credits.**

This course combines readings in representative literary cultures in Sanskrit and several other literary languages from India's classical period (circa 300 BCE to 1200 CE) in translation, emphasizing *kavya* or poetry and related aesthetic theories, with scholarly readings on Sanskrit poetics, and the literary and political history of the period. Seminar format.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**ASIA 536. Revolution in the Modern Middle East. 3 Credits.**

This course will focus on revolutionary change in the Middle East during the last century, emphasizing internal social, economic, and political conditions as well as international contexts.

**Grading status:** Letter grade

**Same as:** HIST 536.

**ASIA 537. Women in the Middle East. 3 Credits.**

Explores the lives of women in the Middle East and how they have changed over time. Focus will change each year.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 537, WGST 537.

**ASIA 538. The Middle East and the West. 3 Credits.**

This course explores changing interactions between the Middle East and the West, including trade, warfare, scientific exchange, and imperialism, and ends with an analysis of contemporary relations in light of the legacy of the past.

**Grading status:** Letter grade

**Same as:** HIST 538.

**ASIA 539. The Economic History of Southeast Asia. 3 Credits.**

This course is intended as a broad overview of Southeast Asian economic history from premodern times to the present day.

**Grading status:** Letter grade

**Same as:** HIST 539.

**ASIA 545. The Politics of Culture in East Asia. 3 Credits.**

Examines struggles to define culture and the nation in 20th-century China in domains like popular culture, museums, traditional medicine, fiction, film, ethnic group politics, and biography and autobiography.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** ANTH 545.

**ASIA 555. Religion, Coexistence, and Conflict in Medieval India. 3 Credits.**

This course traces the fascinating history of material, cultural, and theological exchanges and conflicts between individuals belonging to two of the world's major religions: Hinduism and Islam. Throughout the course we will also analyze how modern commentators have selectively used the past to inform their understandings of the present.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 555.

**ASIA 556. Gender in Indian History. 3 Credits.**

An analysis of the roles of women and men in Indian societies from the early to the modern periods. Topics include the cultural construction of gender and sexuality; beauty and bodily practices; gender and religion; gender and politics; race, imperialism, and gender.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 556.

**ASIA 557. Bandits, Rebels and Storytellers: Fiction and History in India. 3 Credits.**

This course examines the histories, representations, and cultural perceptions surrounding bandits and rebels in modern India. The representations of bandits and rebels are studied in the light of the emergence of nationalism, shifting notions of gender and masculinity, race relations, and emergence of capitalist structures.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 557.

**ASIA 561. Arts of the Islamic Mediterranean. 3 Credits.**

Offers an overview of the arts, architecture, and visual culture of the Islamic Mediterranean (its eastern and western shores, Sicily, and North Africa)

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ARTH 561.

**ASIA 570. The Vietnam War. 3 Credits.**

A wide-ranging exploration of America's longest war, from 19th-century origins to 1990s legacies, from village battlegrounds to the Cold War context, from national leadership to popular participation and impact.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 570, PWAD 570.

**ASIA 574. Chinese World Views. 3 Credits.**

Explores the indigenous Chinese sciences and the cosmological ideas that informed them. Topics include astronomy, divination, medicine, fengshui, and political and literary theory. Chinese sources in translation are emphasized.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ANTH 574, RELI 574.

**ASIA 578. Chinese Diaspora in the Asia Pacific. 3 Credits.**

Examination of the histories, social organization, and cultures of the Chinese diasporas in the Asia Pacific region, focusing on contemporary issues in the cultural politics and identities of "overseas Chinese."

**Gen Ed:** BN, CI, GL.

**Grading status:** Letter grade

**Same as:** ANTH 578.

**ASIA 581. Sufism. 3 Credits.**

Permission of the instructor. A survey of Islamic mysticism, its sources in the Qur'an and the Prophet Muhammad, and its literary, cultural, and social deployment in Arab, Persian, Indic, and Turkish regions.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 581.

**ASIA 582. Islam and Islamic Art in South Asia. 3 Credits.**

A survey of the formation of Islamic traditions in the subcontinent from the eighth century to the present, with emphasis on religion and politics, the role of Sufism, types of popular religion, and questions of Islamic identity.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 582.

**ASIA 583. Religion and Culture in Iran, 1500-Present. 3 Credits.**

Iran from the rise of the Safavid empire to the Islamic Republic. Topics include Shi'ism, politics, intellectual and sectarian movements, encounters with colonialism, art and architecture, music, literature.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 583.

**ASIA 584. The Qur'an as Literature. 3 Credits.**

A nontheological approach to the Qur'an as a literary text, emphasizing its history, form, style, and interpretation.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RELI 584.

**ASIA 586. The Gardens, Shrines, and Temples of Japan. 3 Credits.**

The religious landscape and built environments of Japan. Attention to palace, courtyard, and teahouse architecture and gardens, with emphasis on Shinto shrines and the Zen Buddhist temple and garden.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ANTH 586.

**ASIA 681. Readings in Islamicate Literatures. 3 Credits.**

Permission of the instructor. Study of selected religious, literary, and historical texts in Arabic, Persian, or Urdu.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** RELI 681, ARAB 681.

**ASIA 682. Contemporary Chinese Society. 3 Credits.**

Presents recent anthropological research on the People's Republic of China. In addition to social sciences sources, fictional genres are used to explore the particular modernity of Chinese society and culture.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ANTH 682.

**ASIA 691H. Senior Honors Thesis I. 3 Credits.**

Permission of the department. Required for honors students in Asian studies.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ASIA 692H. Senior Honors Thesis II. 3 Credits.**

Permission of the department. Required for honors students in Asian studies.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## ARAB–Arab World (in English)

### Undergraduate-level Courses

**ARAB 150. Introduction to Arab Cultures. 3 Credits.**

Introduction to the cultures of the Arab world and of the Arabs in diasporas: art, literature, film, music, dance, food, history, religion, folklore, etc.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ARAB 151. Arabic Literature through the Ages. 3 Credits.**

Introduces the rich literary heritage of the Arabic language from pre-Islamic to modern times and covers major genres. Emphasis on critical thinking, literary analysis, and academic writing.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ARAB 321. Visions of Emancipation in Modernist Arab Thought. 3 Credits.**

This course examines key questions that animated Arab intellectuals in the past century and the diverse intellectual and political traditions - such as Liberalism, Arab Nationalism, and Marxism - that they engaged with. We will read theoretical treatises, newspaper articles, political party tracts, and interviews with leading thinkers and politicians.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**ARAB 337. Borders and Walls in the Arab World. 3 Credits.**

Can art, film, and literature undo cultural, social, and political divisions created by borders and walls in the Arab world? Students may not receive credit for both ARAB 337 and ARAB 338.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARAB 338. Borders and Walls in the Arab World - Experiential. 3 Credits.**

Can art, film, and literature undo cultural, social, and political divisions created by borders and walls in the Arab world? Includes service learning. Students may not receive credit for both ARAB 337 and ARAB 338.

**Gen Ed:** VP, BN, EE- Service Learning.

**Grading status:** Letter grade.

**ARAB 350. Women and Leadership in the Arab World. 3 Credits.**

A service-learning, study abroad course focusing on women and leadership in the Arab world. Topics include women and religion, family, community and selfhood, citizenship and legal rights, and politics.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**ARAB 434. Modern Arabic Literature in Translation. 3 Credits.**

Course treats a variety of themes and genres of Arabic literature from the mid-20th century to the present.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ARAB 443. Dissident Voices in Arab Cultures. 3 Credits.**

Examines alternative interpretations of Arab history, culture, and identity that challenge our understanding of contemporary Arab cultures. Traces how Arab writers and filmmakers simultaneously engage and subvert questions of identity and representation.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ARAB 452. Imagining Palestine. 3 Credits.**

Explores how Palestine is portrayed in writings, films, and other creative works and how Palestinian portrayals of homeland affect others' perceptions of the Palestinian-Israeli conflict and the Arab World.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** PWAD 452.

**ARAB 453. Film, Nation, and Identity in the Arab World. 3 Credits.**

Introduction to history of Arab cinema from 1920s to present. Covers film industries in various regions of the Arab world and transnational Arab film. All materials and discussion in English.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ARAB 462. Global Perspectives on Arab Cultures and Societies. 3 Credits.**

We will focus on anthropological and historical works that unearth veins of research on the Arab world whose horizons transcend the frontiers of nation-states and the boundaries of religious traditions. We will read works which explore lives, ideas, practices, and institutions through situating them within global processes.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

## CHIN–China (in English)

### Undergraduate-level Courses

**CHIN 150. Introduction to Chinese Civilization. 3 Credits.**

A course designed to introduce students to the Chinese world of past and present. Chinese civilization is explored from a variety of perspectives: political, social, cultural, intellectual, and economic.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**CHIN 231. Chinese Literature in Translation through the T'ang. 3 Credits.**  
A survey of Chinese literature from the classical period to the end of the T'ang dynasty (906 CE).

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CHIN 232. Chinese Literature in Translation since the Sung. 3 Credits.**  
A survey of Chinese literature from the Sung Dynasty to 1949.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CHIN 242. Chinese Qin Music. 3 Credits.**

This course offers students an opportunity to learn the aesthetics, culture, and history of qin, and study the music through learning the beginning levels of qin pieces.

**Gen Ed:** VP, BN, EE- Performing Arts.

**Grading status:** Letter grade.

**CHIN 244. Introduction to Modern Chinese Culture through Cinema. 3 Credits.**

This course uses select feature and documentary films, supplemented by texts of critical and creative literature, to introduce students to a broad overview of modern China since the mid-19th century, focusing on the major events that have shaped a turbulent course of decline, revolution, and resurgence.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**CHIN 252. Introduction to Chinese Culture through Narrative. 3 Credits.**

This course shows how Chinese historical legends define and transmit the values, concepts, figures of speech, and modes of behavior that constitute Chinese culture.

**Gen Ed:** LA, BN, WB.

**Grading status:** Letter grade.

**CHIN 253. Chinese Language and Society. 3 Credits.**

Chinese language in social, cultural, historical, and political contexts in China. Topics include basic linguistic features, dialects, writing, literacy, and language reform in the era of modernization and globalization.

**Requisites:** Prerequisite, CHIN 102 or 111.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**CHIN 255. Bandit or Hero: Outlawry in Chinese Literature and Films. 3 Credits.**

This course explores the idea of outlaws as hero in the 16th-century kung-fu novel *Outlaws of the Marsh* and its influence on modern kung-fu and gangster films.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CHIN 342. The Rise of China: A Global and Multidisciplinary Approach. 3 Credits.**

The rise of China has altered the economic and political order of the post-Cold War world. This course examines the historical context and trajectory of China's rise, its internal dynamics, and the challenges it poses to the rest of the world.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**CHIN 346. History as Fiction or Fiction as History? Early Chinese History in Film and Literature. 3 Credits.**

Through analysis of the role movies play in the formation of popular perceptions of the past, this course provides an introduction to the history of the Qin and Han dynasties.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CHIN 354. Chinese Culture through Calligraphy. 3 Credits.**

For second-language Chinese learners without calligraphy experience. Includes cultural, historical, and linguistic knowledge about Chinese calligraphy; basic brush writing skills; structure and composition of Chinese characters; how to assemble a calligraphy artwork. Lecture followed by studio session of writing practice. Taught in English and Chinese.

**Requisites:** Prerequisite, CHIN 102 or 111.

**Gen Ed:** VP, BN, EE- Performing Arts.

**Grading status:** Letter grade.

**CHIN 356. Chinese Environmental Literature. 3 Credits.**

Introduces students to Chinese and Taiwanese cultural understandings of human relations to the natural environment. Analyzes classical and modern environmental literature (poetry, essays, fiction, and philosophy) and evaluates how contemporary building practices, governmental policies, and green technologies may be influenced by diverse Chinese philosophical traditions.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**CHIN 361. Chinese Traditional Theater. 3 Credits.**

This course introduces traditional Chinese theater from its earliest development to modern times by examining the interrelation of its elements—music, dance, poetry, and illustration—with performance footage, visual art, and dramatic texts.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

**CHIN 367. Illustration and the Animation of Text. 3 Credits.**

This course examines illustration as both a form of literary criticism and a narrative tradition in its own right.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**CHIN 463. Narrative Ethics in Modern China. 3 Credits.**

By exploring intersections of the narrative and the normative, this course considers relations between text, ethics, and everyday life in 20th-century China by reading texts on aesthetics.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**CHIN 464. The City in Modern Chinese Literature and Film. 3 Credits.**

This course analyzes historical changes of the city through examining the individual, national, and global identity of Shanghai, Beijing, Taipei, and Hong Kong as reflected in their histories, politics, built environment, ethos, language, and culture.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CHIN 531. The Chinese Zither in Poetry and Painting. 3 Credits.**

This course explores zither as a cultural locus of traditional China and contemplates the relations between musical and poetic expressions, abstract musical and visual representation, and word and image.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**CHIN 551. Chinese Poetry in Translation. 3 Credits.**

Selected topics in Chinese poetry concentrating on one period or one genre.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CHIN 552. Chinese Prose in Translation. 3 Credits.**

Selected topics in Chinese fiction, historical writing, and prose belles lettres, concentrating on one period or one genre.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CHIN 562. Contemporary Chinese Urban Culture and Arts. 3 Credits.**

This course analyzes contemporary Chinese urban art, architecture, cinema, and fiction to elucidate dynamics between the built environment and subjectivity. Students analyze how social, economic, and political factors shape environments, and debate whether new urban spaces create social conflict or new civil possibilities.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**CHIN 563. Post-Mao Chinese Literature in Translation. 3 Credits.**

A study of Chinese literature since 1977, its historical context in the New Era of reform, and influences from modern Western literature.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

## HEBR–Israel (in English)

### Advanced Undergraduate and Graduate-level Courses

## HNUR–India/Pakistan (in English)

### Advanced Undergraduate and Graduate-level Courses

**HNUR 592. Religious Conflict and Literature in India. 3 Credits.**

Historical causes of violence between Hindus and Muslims in modern India. Short stories, poetry, and novels in translation are used to explore how conflicts over religious sites, religious conversion, image worship, and language contributed to a sense of conflicting religious identity.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RELI 592.

## JAPN–Japan (in English)

### Undergraduate-level Courses

**JAPN 150. Introduction to Japanese Culture. 3 Credits.**

Introduces students to major periods, themes, and issues in Japanese culture and history, from prehistoric times to the present.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**JAPN 160. Introduction to Japanese Literature in Translation. 3 Credits.**

The major genres, aesthetic concepts, and classic and modern works of Japanese literature in English translation.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**JAPN 161. Geisha in History, Fiction, and Fantasy. 3 Credits.**

Explores the artistic traditions of Japanese performers known as geisha. Sources include woodblock prints, novels, photographs, academic studies, and popular Japanese and American films.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**JAPN 162. Japanese Popular Culture. 3 Credits.**

This course will examine how and why Tokyo emerged as a dominant locale in global mass culture. Students will be introduced to major figures and genres in Japanese pop culture.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**JAPN 231. Premodern Japanese History and Culture. 3 Credits.**

This survey examines Japanese history from early times to the Tokugawa settlement of 1603. We will consider the archaeology of prehistoric Japan; the first great capitals at Nara and Heian; the rise of the samurai; and the tenuous medieval balance of power between the court, warrior government, and Buddhist institutions.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 271.

**JAPN 246. Early Modern Japanese History and Culture. 3 Credits.**

This course focuses on Japan's early modern period (1600-1868) and explores the historicism of the artist Hon'ami Koetsu; the status system and village life; the writings of Matsuo Basho; dramatic culture and the life of the city; and the interplay between sex, gender, and commerce.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 247.

**JAPN 261. Japanese Theater. 3 Credits.**

Explores the major forms of classical Japanese theater (Noh, Kabuki, Bunraku), modern innovations in dramatic art, and contemporary reinventions of the classical theater in Japanese animated film.

**Gen Ed:** VP, BN, CI.

**Grading status:** Letter grade.

**JAPN 277. Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present. 3 Credits.**

Tokyo, Japan, became the center of global pornographic culture after the United States occupation ended in 1952. This course will use film, animation, and historical texts to try to understand how and why this happened. Moreover, we will identify how this phenomenon impacted the lives of Japanese men and women.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**JAPN 363. Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century. 3 Credits.**

This course will examine Japan's long 16th century. Introduces students to the history of, and historiographical problems with the representation of, some of the most fascinating characters in Japanese history, including pirates, warlords, tea masters, Jesuit monks, Buddhist priests, and peripatetic artists.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** HIST 370.

**JAPN 375. The Culture of Modern, Imperial Japan, 1900-1945. 3 Credits.**

This course will examine the various expressions of cultural modernity in Japan with a focus on film, literature, and popular culture from 1900 to the end of the Pacific War.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.



**JAPN 381. Women and Work in Japan. 3 Credits.**

Examines construction of traditional women's roles in Japan and feminist challenges to them by exploring various aspects of "women's work." Interdisciplinary readings consider law, social custom, media representations, and feminist activism.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** WGST 381.

**JAPN 384. Women Writers in Japanese Society. 3 Credits.**

Examines Japanese literature and culture through fiction and poetry by women. Explores ideas in contemporary feminist criticism in Japan and the West as a means to read Japanese women's writing.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** WGST 384.

**Advanced Undergraduate and Graduate-level Courses****JAPN 451. Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture. 3 Credits.**

This course surveys Japanese material culture. Each week we will examine a different genre of visual or material culture in terms of its production, circulation through time and space, and modern deployment in narratives of national identity. This course includes regular engagement with the Ackland Art Museum at UNC.

**Gen Ed:** HS, EE- Field Work.

**Grading status:** Letter grade.

**JAPN 482. Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan. 3 Credits.**

Explores Japanese culture and society through investigating changing concepts of the human body. Sources include anthropological and history materials, science fiction, and film.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**JAPN 563. Structure of Japanese. 3 Credits.**

Introductory linguistic description of modern Japanese. For students of linguistics with no knowledge of Japanese and students of Japanese with no knowledge of linguistics.

**Requisites:** Prerequisite, JAPN 102 or LING 101.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** LING 563.

**KOR–Korea (in English)****Undergraduate-level Courses****KOR 150. History, Memory, and Reality in Contemporary Korea. 3 Credits.**

This course will provide an introduction to Korean studies and examine contemporary issues in Korean society and culture through social and cultural movements, multiple genres of texts, and artistic manifestations.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**KOR 151. Education and Social Changes in Contemporary Korea. 3 Credits.**

This course will provide an introduction to Korean studies and examine contemporary issues in Korean society through policies and systems in education, social and cultural trends and phenomena, and globalism.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**KOR 327. Korean Diasporas. 3 Credits.**

This course will explore multiple contexts of the Korean diaspora such as historical, political, social, and educational contexts. Examines uniqueness and commonalities among various Korean diasporic communities around the world.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**ARAB–Arabic (Language Courses)****Undergraduate-level Courses****ARAB 101. Elementary Arabic I. 4 Credits.**

First semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes Arabic script, basic grammar and vocabulary, and culturally relevant activities.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ARAB 102. Elementary Arabic II. 4 Credits.**

Second semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes expanded grammar and vocabulary and culturally relevant activities.

**Requisites:** Prerequisite, ARAB 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ARAB 123. Conversational Arabic Abroad. 3 Credits.**

Conversational course introducing one of the major dialects of Arabic. Only offered within the context of a University faculty-led study abroad program in the Arab world.

**Grading status:** Letter grade.

**ARAB 203. Intermediate Arabic I. 4 Credits.**

Third semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes expanded grammar and vocabulary, and culturally relevant activities.

**Requisites:** Prerequisite, ARAB 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ARAB 204. Intermediate Arabic II. 4 Credits.**

Fourth semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes expanded grammar and vocabulary, and culturally relevant activities.

**Requisites:** Prerequisite, ARAB 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ARAB 300. Arabic Grammar and Composition. 3 Credits.**

Intensive grammar review and composition to improve accuracy and develop writing skills in Modern Standard Arabic.

**Requisites:** Prerequisite, ARAB 204.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**ARAB 305. Advanced Arabic I. 3 Credits.**

Fifth semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes intensive reading of a variety of texts; films, oral presentations, and writing; extensive vocabulary development.

**Requisites:** Prerequisite, ARAB 204.

**Grading status:** Letter grade.

**ARAB 306. Advanced Arabic II. 3 Credits.**

Sixth semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes intensive reading of a variety of texts; films, oral presentations, and writing; extensive vocabulary development.

**Requisites:** Prerequisite, ARAB 305.

**Grading status:** Letter grade.

**ARAB 308. Arabic Languages across the Curriculum Recitation. 1 Credit.**

Arabic recitation offered in conjunction with selected content courses. Weekly discussion and readings in Arabic relating to attached content courses.

**Requisites:** Prerequisite, ARAB 204.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ARAB 407. Readings in Arabic I. 3 Credits.**

Classical and/or modern readings in Arabic and discussions in conversational Arabic, according to the students' interest.

**Requisites:** Prerequisite, ARAB 306.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**ARAB 408. Readings in Arabic II. 3 Credits.**

Classical and/or modern readings in Arabic and discussions in conversational Arabic, according to the students' interest.

**Requisites:** Prerequisite, ARAB 306.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ARAB 496. Independent Readings in Arabic. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Arabic under the supervision of a selected instructor. Maximum three credit hours per semester.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ARAB 681. Readings in Islamicate Literatures. 3 Credits.**

Permission of the instructor. Study of selected religious, literary, and historical texts in Arabic, Persian, or Urdu.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** RELI 681, ASIA 681.

**CHIN–Chinese (Language Courses)****Undergraduate-level Courses****CHIN 101. Elementary Chinese I. 4 Credits.**

Introduction to Mandarin Chinese, focusing on pronunciation, simple conversation, and basic grammar. Reading and writing Chinese characters are also taught. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 101 or CHIN 102 and CHIN 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHIN 102. Elementary Chinese II. 4 Credits.**

Continued training in listening, speaking, reading, and writing on everyday topics. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 101 or CHIN 102 and CHIN 111.

**Requisites:** Prerequisite, CHIN 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHIN 111. Elementary Written Chinese. 3 Credits.**

For students who already understand and speak some Chinese; entry to this course is by placement only. The course focuses on reading and writing. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 101 or CHIN 102 and CHIN 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHIN 203. Intermediate Chinese I. 4 Credits.**

Second-year level of modern standard Chinese. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 203 or CHIN 204 and CHIN 212.

**Requisites:** Prerequisite, CHIN 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHIN 204. Intermediate Chinese II. 4 Credits.**

Second-year level of modern standard Chinese. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 203 or CHIN 204 and CHIN 212.

**Requisites:** Prerequisite, CHIN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHIN 212. Intermediate Written Chinese. 3 Credits.**

For students who already understand and speak some Chinese. The training course focuses on reading and writing. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 203 or CHIN 204 and CHIN 212.

**Requisites:** Prerequisite, CHIN 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CHIN 305. Advanced Chinese I. 3 Credits.**

This course emphasizes the development of conversational skills and vocabulary building with readings on everyday topics. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 305 or CHIN 306 and CHIN 313.

**Requisites:** Prerequisite, CHIN 204.

**Grading status:** Letter grade.

**CHIN 306. Advanced Chinese II. 3 Credits.**

This course emphasizes the development of conversational skills and vocabulary building with readings on everyday topics. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 305 or CHIN 306 and CHIN 313.

**Requisites:** Prerequisite, CHIN 305.

**Grading status:** Letter grade.

**CHIN 308. Chinese Languages across the Curriculum Recitation. 1 Credit.**

Chinese-language seminar offered in conjunction with selected Chinese content courses taught in English. Students will use the target language (Chinese) to read and discuss weekly topics related to the corresponding content courses. Not intended for native Chinese speakers.

**Requisites:** Prerequisite, CHIN 212 or CHIN 305.

**Grading status:** Letter grade.

**CHIN 313. Advanced Written Chinese. 3 Credits.**

The third course for Chinese heritage students. Course materials correspond to those in CHIN 305 and CHIN 306. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 305 or CHIN 306 and CHIN 313.

**Requisites:** Prerequisite, CHIN 212.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****CHIN 407. Readings in Modern Chinese I. 3 Credits.**

Read authentic texts of modern Chinese, including newspaper articles and writings of literary, cultural, and social interest. Writing Chinese characters is required. Students may not receive credit for both CHIN 407 or CHIN 408 and CHIN 414.

**Requisites:** Prerequisite, CHIN 306.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**CHIN 408. Readings in Modern Chinese II. 3 Credits.**

Read authentic texts of modern Chinese, including newspaper articles and writings of literary, cultural, and social interest. Writing Chinese characters is required. Students may not receive credit for both CHIN 407 or CHIN 408 and CHIN 414.

**Requisites:** Prerequisite, CHIN 407.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**CHIN 414. Advanced Reading and Composition. 3 Credits.**

Fourth course for heritage students, comparable to CHIN 407 and CHIN 408. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 407 or CHIN 408 and CHIN 414.

**Requisites:** Prerequisite, CHIN 313.

**Grading status:** Letter grade.

**CHIN 441. Chinese-English Translation and Interpreting. 3 Credits.**

Instruction and practice in Chinese-to-English translation (written) and interpreting (oral), designed for second-language learners of Chinese. Students work with materials covering many fields.

**Requisites:** Pre- or corequisite, CHIN 407 or 414.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**CHIN 442. Modern Chinese Society. 3 Credits.**

This is a theme-based and proficiency-oriented advanced Chinese conversation course designed for nonheritage students. The purpose of the course is to train students in the skills of composing formal speech.

**Requisites:** Pre- or corequisite, CHIN 408.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**CHIN 443. Business Communication in Chinese. 3 Credits.**

The goal of this course is to improve students' overall language proficiency using Chinese for business purposes. They will develop enhanced skills of reading business journalism and case studies and writing business letters or email messages.

**Requisites:** Pre- or corequisite, CHIN 407 or 414.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**CHIN 490. Topics in Chinese Literature and Language. 3 Credits.**

Readings in Chinese literature and language on varying topics. May be taken more than once for credit as topics change.

**Requisites:** Pre- or corequisite, CHIN 407 or 414.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**CHIN 496. Independent Readings in Chinese. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Chinese under the supervision of a selected instructor. Maximum three credit hours per semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**CHIN 510. Introduction to Classical Chinese. 3 Credits.**

Advanced study of Chinese classics.

**Requisites:** Pre- or corequisite, CHIN 408 or 414.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**CHIN 511. Literary Chinese. 3 Credits.**

Introduction to the classical Chinese language through reading short essays and poems. Instruction focuses on the similarities and differences between classical and modern Chinese in sentence structure and vocabulary.

**Requisites:** Pre- or corequisite, CHIN 408 or 414.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**CHIN 525. Ancient Philosophers and Their Modern Reincarnation. 3 Credits.**

Recommended preparation, CHIN 510 or 511. This course examines the reinterpretation and appropriation of ancient Chinese philosophy in contemporary China, on such themes as Confucian ethics and Daoist metaphysics and aesthetics.

**Requisites:** Prerequisite, CHIN 408 or 414.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**CHIN 532. Modernizing the Chinese Language. 3 Credits.**

An overview of the development of Chinese language during the 20th century. Topics include the unique features of Chinese, the role of Chinese language in education, Chinese language change and modern history, regional dialects, spoken versus written language, and language planning.

**Requisites:** Prerequisite, CHIN 510 or 511.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**CHIN 590. Advanced Topics in Chinese Literature and Language. 3 Credits.**

This is an advanced topics course in Chinese literature and language, culture and society. The instruction is entirely in Chinese with the use of authentic materials. Three hours per week.

**Requisites:** Prerequisite, CHIN 408 or 414.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**CHIN 631. Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland. 3 Credits.**

Encompasses a century of literary writings on the experiences of Chinese in the United States. The select works are written for Chinese communities worldwide, hence "writing Chinese in America," while they reflect upon the formation of Chinese American identity, therefore "writing Chinese America.

**Requisites:** Prerequisites, CHIN 510 or 511, and 525.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**HEBR–Hebrew (Language Courses)****Undergraduate-level Courses****HEBR 101. Elementary Modern Hebrew I. 3 Credits.**

Introduces the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** JWST 101.

**HEBR 102. Elementary Modern Hebrew II. 3 Credits.**

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

**Requisites:** Prerequisite, HEBR 101.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** JWST 102.

**HEBR 203. Intermediate Modern Hebrew I. 3 Credits.**

Second-year instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

**Requisites:** Prerequisite, HEBR 102.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** JWST 203.

**HEBR 204. Intermediate Modern Hebrew II. 3 Credits.**

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

**Requisites:** Prerequisite, HEBR 203.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** JWST 204.

**HEBR 305. Advanced Modern Hebrew I. 3 Credits.**

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media.

**Requisites:** Prerequisite, HEBR 204.

**Grading status:** Letter grade

**Same as:** JWST 305.

**HEBR 306. Advanced Modern Hebrew II. 3 Credits.**

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media.

**Requisites:** Prerequisite, HEBR 305.

**Grading status:** Letter grade

**Same as:** JWST 306.

**HNUR–Hindi-Urdu (Language Courses)****Undergraduate-level Courses****HNUR 101. Elementary Hindi-Urdu I. 4 Credits.**

Introduction to modern spoken and written Hindi-Urdu. Speaking and listening practice, basic sentence pattern exercises, grammar fundamentals, the writing system, and creative applications exploring South Asian culture are included.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HNUR 102. Elementary Hindi-Urdu II. 4 Credits.**

Continued instruction in modern spoken and written Hindi-Urdu. Sessions include speaking and listening drills, skits, role-play, and discussion of video and audio materials.

**Requisites:** Prerequisite, HNUR 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HNUR 203. Intermediate Hindi-Urdu I. 4 Credits.**

Second year of instruction in modern spoken and written Hindi-Urdu, including situational speaking and listening practice, complex sentence pattern exercises and idioms, vocabulary building, intermediate grammar topics, and reading exercises.

**Requisites:** Prerequisite, HNUR 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HNUR 204. Intermediate Hindi-Urdu II. 4 Credits.**

Continued second year of instruction in modern spoken and written Hindi-Urdu. Students practice writing short essays and letters and continue to develop mature oral competency in Hindi-Urdu.

**Requisites:** Prerequisite, HNUR 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HNUR 220. Introduction to the Hindi Script (Devanagari). 1 Credit.**

In this course, students will master the Hindi alphabet, the Sanskrit-based Devanagari writing system. This course complements the regular Hindi-Urdu language sequence. Prior knowledge of spoken Hindi or Urdu is required; entry to this class is by placement only.

**Grading status:** Letter grade.

**HNUR 221. Introduction to the Urdu Script (Nastaliq). 1 Credit.**

This course introduces the Urdu alphabet (Nastaliq). Prior knowledge of spoken Urdu or Hindi is required; entry to this class is by placement only.

**Grading status:** Letter grade.

**HNUR 305. Advanced Hindi-Urdu I. 3 Credits.**

Third year of instruction in spoken and written Hindi-Urdu with an emphasis on the reading and discussion of short stories, prose articles, and interviews.

**Requisites:** Prerequisite, HNUR 204.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**HNUR 306. Advanced Hindi-Urdu II. 3 Credits.**

Third year of instruction in spoken and written Hindi-Urdu with an emphasis on the reading and analysis of poetry.

**Requisites:** Prerequisite, HNUR 204.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.



## Advanced Undergraduate and Graduate-level Courses

### HNUR 407. South Asian Society and Culture. 3 Credits.

Advanced language course introducing authentic readings on cultural and social topics relating to modern South Asian society. Texts are supplemented by case studies and interviews. Course is taught in Hindi-Urdu and provides further training in speaking and writing. Participation in extracurricular activities is encouraged.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Gen Ed:** BN.

**Grading status:** Letter grade.

### HNUR 408. South Asian Media and Film. 3 Credits.

This advanced language course introduces students to authentic film and visual and print media from modern South Asia, analyzed within historical, social, and aesthetic contexts. Course is taught in Hindi-Urdu with further training in speaking and writing. Participation in relevant extracurricular activities is encouraged.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Gen Ed:** BN.

**Grading status:** Letter grade.

### HNUR 409. Sex and Social Justice in South Asia. 3 Credits.

This seminar explores the issues of gender, sexuality, and social justice in modern India and Pakistan. The course uses a variety of media sources, including monographs, films, television shows, documentaries, newspapers, and magazines.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

### HNUR 410. Seminar on the Urdu-Hindi Ghazal. 3 Credits.

Ghazal is the most important genre of Urdu-Hindi poetry from the 18th century to the present. This course, taught in Hindi-Urdu, concerns the analysis and interpretation of ghazals.

**Requisites:** Prerequisite, HNUR 305 and 306.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### HNUR 411. Health and Medicine in South Asia. 3 Credits.

This seminar explores approaches to health and medicine in India and Pakistan, and contemporary public health challenges in South Asia and diaspora communities in North Carolina. Also addresses "alternative" systems of medical thought in South Asia including Ayurveda, Unani Medicine, Yoga, Naturopathy, and Homeopathy.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

### HNUR 490. Topics in Hindi-Urdu Literature and Language. 3 Credits.

Course may be repeated for credit as topic changes. Possible areas of study include Indian film and literature, Hindi-English translations, the Indian diaspora, Hindi journalism, and readings in comparative religions.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

### HNUR 496. Independent Readings in Hindi-Urdu. 1-3 Credits.

Permission of the department. For the student who wishes to create and pursue an independent project in Hindi-Urdu under the supervision of a selected instructor. Maximum three credit hours per semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## JAPN–Japanese (Language Courses) Undergraduate-level Courses

### JAPN 101. Elementary Japanese I. 4 Credits.

Introduction to modern Japanese with text and supplementary materials. Hiragana, katakana, and basic kanji are introduced. Weekly class hours devoted to basic sentence pattern exercises, speaking and writing practice, and creative application. Participation in relevant extracurricular activities encouraged.

**Gen Ed:** FL.

**Grading status:** Letter grade.

### JAPN 102. Elementary Japanese II. 4 Credits.

Continued beginning course of modern Japanese with text and supplementary materials. Approximately 150 additional kanji are introduced. Focus on basic sentence pattern exercises, speaking and writing practice, and creative application. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 101 or permission of the instructor.

**Gen Ed:** FL.

**Grading status:** Letter grade.

### JAPN 203. Intermediate Japanese I. 4 Credits.

Emphasis on situational expressions, mastery of basic structures, and approximately 150 new kanji. Conversation practice, reading and writing of passages, and creative application expected. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

### JAPN 204. Intermediate Japanese II. 4 Credits.

Continued emphasis on situational expressions, mastery of basic structures, and approximately 150 to 200 new kanji. Conversation practice, reading and writing of passages, and creative application expected. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

### JAPN 305. Advanced Japanese I. 3 Credits.

Advanced written and spoken Japanese introduced to students who have learned more than 500 kanji. Emphasis is placed on advanced expressions, conversation for a variety of situations, reading and writing longer texts, and approximately 150 additional kanji. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 204.

**Grading status:** Letter grade.

### JAPN 306. Advanced Japanese II. 3 Credits.

Second semester of third-year Japanese, continuing the study of written and spoken Japanese at the advanced level. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 305.

**Gen Ed:** BN.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### JAPN 401. Gateway to Mastering Japanese. 3 Credits.

This course reviews the key grammar, vocabulary, and characters from the first three years of Japanese in preparation for the more advanced work of fourth-year elective courses.

**Requisites:** Prerequisite, JAPN 306.

**Grading status:** Letter grade.



**JAPN 408. Japanese Journalism. 3 Credits.**

Uses newspaper and magazine articles and television broadcasts to introduce journalistic writing and speech as well as contemporary social and cultural issues. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**JAPN 409. Japanese Modernism. 3 Credits.**

This course instructs students in how to read prewar forms of modern Japanese and introduces them to the writers and ideas of the Modern influential between the years 1907 and 1930. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**JAPN 410. Topics in Contemporary Japanese Literature. 3 Credits.**

This course introduces students to the popular writing, both fiction and nonfiction, designed for mass-market consumption in contemporary Japan. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**JAPN 411. Food and Culture in Japan. 3 Credits.**

Advanced Japanese course designed to develop Japanese skills and deepen appreciation of Japanese cooking. Students will develop the ability to discuss and write about topic-oriented issues in Japanese.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**JAPN 412. Making Music in Japan. 3 Credits.**

Students will learn a history of postwar Japanese music as an integral part of Japanese society and culture, and try to understand what messages each song attempts to communicate.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**JAPN 413. Fashioning Japan: Gender, Nation, and Dress. 3 Credits.**

This course explores the language of fashion in modern Japan through advertising, film, fiction, and magazines. How do fashion trends shape notions of gender, race, class, national identity, and global citizenship?

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**JAPN 414. Manga as a Japanese Art and Culture. 3 Credits.**

This course explores contemporary Japanese language and culture through the pop cultural media of manga and anime. Topics include manga history, production, and various genres of Japanese comic books, manga.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**JAPN 415. Sports in Japanese Culture. 3 Credits.**

Introduces students to the unique Japanese cultural perspective on sports, while introducing new kanji and grammar structures and improving reading, speaking, and writing abilities.

**Requisites:** Prerequisite, JAPN 306.

**Grading status:** Letter grade.

**JAPN 416. Understanding Japanese Business Culture and Its Practice. 3 Credits.**

Students will learn about business culture in Japan, including customs and rules, in order to broaden their understanding of Japanese culture and people, while improving their language skills.

**Requisites:** Prerequisite, JAPN 306.

**Grading status:** Letter grade.

**JAPN 417. Japanese Culture through Film and Literature. 3 Credits.**

This course helps students to improve their Japanese language skills while developing an understanding of Japanese culture through films and literature. Exercises include reading novels in Japanese, close observation of Japanese films, analysis of cultural context, writing summaries, and frequent discussion.

**Requisites:** Prerequisite, JAPN 306.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**JAPN 490. Topics in Japanese Language and Literature. 3 Credits.**

Possible areas of study include popular culture, business Japanese, and Japanese-English translation. Course may be repeated for credit as topic changes. Participation in relevant extracurricular activities encouraged.

**Requisites:** Prerequisite, JAPN 306.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**JAPN 496. Independent Readings in Japanese. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Japanese under the supervision of a selected instructor. Maximum three credit hours per semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**JAPN 521. Investigating Japanese Culture through TV Dramas. 3 Credits.**

Students will improve Japanese language skills while they develop an understanding of Japanese culture through TV dramas. Exercises include intensive listening, reading and analyzing drama scripts, writing summaries, and frequent discussions on various topics.

**Requisites:** Prerequisite, JAPN 401, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, or 490.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

## KOR—Korean (Language Courses)

### Undergraduate-level Courses

**KOR 101. Elementary Korean I. 4 Credits.**

Introduction to the basics of modern Korean, including the pronunciation of spoken Korean, the writing system of Hangul, communication and reading skills in controlled contexts, and fundamentals of grammar.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**KOR 102. Elementary Korean II. 4 Credits.**

Develops speaking and listening skills for everyday communication, reading skills for simple narratives and descriptive texts, and understanding for core grammatical patterns.

**Requisites:** Prerequisite, KOR 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**KOR 203. Intermediate Korean I. 4 Credits.**

Continues developing reading and writing skills for narrative and descriptive texts and increasing communicative competence in applied social contexts.

**Requisites:** Prerequisite, KOR 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**KOR 204. Intermediate Korean II. 4 Credits.**

Develops and applies comprehensive grammatical knowledge and vocabularies in complex listening, speaking, reading, and writing contexts. Emphasis on Korean cultural and historical understanding.

**Requisites:** Prerequisite, KOR 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**KOR 305. Advanced Korean I. 3 Credits.**

Advanced study of written and spoken Korean language and Korean culture. Three hours per week.

**Requisites:** Prerequisite, KOR 204.

**Grading status:** Letter grade.

**KOR 306. Advanced Korean II. 3 Credits.**

Advanced study of written and spoken Korean language and Korean culture. Three hours per week.

**Requisites:** Prerequisite, KOR 305.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****KOR 407. Modern Korean Literature and Culture. 3 Credits.**

Modern Korean literature by major authors, from around 1940 to the present. Emphasis on reading, translation, and criticism. Students will improve their written and oral communication skills in Korean through the study of literary works in their social, cultural, and historical context.

**Requisites:** Prerequisite, KOR 306.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**KOR 408. Changes and Continuities in Korean History. 3 Credits.**

This course is conducted in Korean, emphasizing reading, translating, and criticism. This is a general introduction to Korean history from the first kingdom of the Korean Peninsula, Gojoseon, to the last kingdom, Joseon Dynasty.

**Requisites:** Prerequisite, KOR 306.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**KOR 490. Topics in Korean Language and Literature. 3 Credits.**

Topic varies and course may be repeated for credit as topics change.

**Requisites:** Prerequisite, KOR 306.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**KOR 496. Independent Readings in Korean. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Korean under the supervision of a selected instructor. Maximum three credit hours per semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PRSN–Persian (Language Courses)  
Undergraduate-level Courses****PRSN 101. Elementary Persian I. 3 Credits.**

Introduction to the spoken and written Persian (Farsi) language.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PRSN 102. Elementary Persian II. 3 Credits.**

Introduction to the spoken and written Persian (Farsi) language.

**Requisites:** Prerequisite, PRSN 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PRSN 203. Intermediate Persian I. 3 Credits.**

Second-year instruction in the spoken and written Persian (Farsi) language.

**Requisites:** Prerequisite, PRSN 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PRSN 204. Intermediate Persian II. 3 Credits.**

Second-year instruction in the spoken and written Persian (Farsi) language.

**Requisites:** Prerequisite, PRSN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PRSN 305. Persian Short Stories. 3 Credits.**

This course focuses on further development of all language skills through studying Persian short stories. Short stories are effective in language teaching because of their readability in limited class time. They offer authentic reading materials that allow language learners to engage in close readings and creative interpretations.

**Requisites:** Prerequisite, PRSN 204.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**PRSN 306. Persian Language through Literature, Film, and Media. 3 Credits.**

Students will study literary writings and filmic texts from traditional literature to contemporary media (including plays, film, television, etc.). Students will engage in various communicative activities focusing on all language skills and building vocabulary and idiomatic expressions. Literary and filmic texts will also improve students' cultural awareness.

**Requisites:** Prerequisite, PRSN 204.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**TURK–Turkish (Language Courses)  
Undergraduate-level Courses****TURK 101. Elementary Turkish I. 3 Credits.**

Introduces the essential elements of Turkish structure and vocabulary and aspects of Turkish culture. Aural comprehension, reading, speaking, and writing are stressed.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**TURK 102. Elementary Turkish II. 3 Credits.**

Continued instruction in the essential elements of Turkish structure and vocabulary and aspects of Turkish culture. Aural comprehension, reading, speaking, and writing are stressed.

**Requisites:** Prerequisite, TURK 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**TURK 203. Intermediate Turkish I. 3 Credits.**

Second-year level instruction in the essential elements of Turkish structure and vocabulary and aspects of Turkish culture. Aural comprehension, reading, speaking, and writing are stressed. Introduces representative literary works.

**Requisites:** Prerequisite, TURK 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**TURK 204. Intermediate Turkish II. 3 Credits.**

A proficiency-based course centered on reading, writing, speaking, and listening to Turkish with an emphasis on understanding the application of grammatical structures and vocabulary development through the study of literature.

**Requisites:** Prerequisite, TURK 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

## Asian Studies Major, B.A.– Interdisciplinary Concentration

### Contact Information

**Department of Asian Studies**

Visit Program Website (<http://asianstudies.unc.edu>)

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**Lori Harris, Department Manager**

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The interdisciplinary major within the Department of Asian Studies provides an intellectual challenge as well as sound training for students who intend to go on to graduate school in the social sciences or humanities and focus their research on Asia. It also provides an essential background for students who are contemplating professions such as business, law, or journalism with the intent of doing extensive work in Asia.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)

- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
The major consists of eight courses which must include the following: <sup>1</sup>		24
ASIA 150	Asia: An Introduction	
At least one other course (other than a language course or senior honors thesis course) taken within the Department of Asian Studies and chosen from the list below <sup>2</sup>		
At least one course each from any two other departments		
At least one course numbered 400 or above <sup>3</sup>		
At least two courses each from any two of the six geographic regions: China, Japan, Korea, Middle East, South Asia, Southeast Asia (see lists below)		
<b>Additional Requirements</b>		
Any Asian language through level 4 <sup>4</sup>		4
<b>Total Hours</b>		<b>28</b>

- <sup>1</sup> The same courses can be used to fulfill multiple requirements within the major.
- <sup>2</sup> May not substitute a study abroad course.
- <sup>3</sup> May not be a language course.
- <sup>4</sup> The first three levels of a foreign language can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

No more than one first-year seminar may be counted among the eight major courses.

With the approval of the associate chair of Asian studies, a student may substitute a course in directed readings (ASIA 496) for one of the major courses. To register for ASIA 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

Of the eight major courses, at least six must be passed with a grade of C (not C-) or better.

### Department of Asian Studies Courses

Code	Title	Hours
ARAB 150	Introduction to Arab Cultures	3
ARAB 151	Arabic Literature through the Ages	3
ARAB 321	Visions of Emancipation in Modernist Arab Thought	3
ARAB 337	Borders and Walls in the Arab World	3
ARAB 338	Borders and Walls in the Arab World - Experiential	3
ARAB 350	Women and Leadership in the Arab World	3
ARAB 434	Modern Arabic Literature in Translation	3
ARAB 443	Dissident Voices in Arab Cultures	3
ARAB 452	Imagining Palestine	3
ARAB 453	Film, Nation, and Identity in the Arab World	3
ARAB 462	Global Perspectives on Arab Cultures and Societies	3
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 54	First-Year Seminar: The American Life of Japanese Women	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA 57	First-Year Seminar: Dis-Orienting the Orient	3
ASIA 58	First-Year Seminar: Chasing Madame Butterfly <sup>H</sup>	3
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	3
ASIA 63	First-Year Seminar: Japanese Tea Culture	3
ASIA 64	First-Year Seminar: Arab World Photography	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 67	First-Year Seminar: Japanese Fashion: History and Culture <sup>H</sup>	3
ASIA 70	First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals	3
ASIA 89	First Year Seminar: Special Topics <sup>H</sup>	3
ASIA 106	Israeli Popular Culture: The Case of Music	3
ASIA 122	Introduction to Iranian Culture	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA 126	Introduction to Persian Literature	3
ASIA 150	Asia: An Introduction	3
ASIA 151	Literature and Society in Southeast Asia	3
ASIA 152	Survey of South Asian Cultural History	3
ASIA 163	Hindi-Urdu Poetry in Performance	3
ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ASIA 229	Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ASIA 231	Bollywood Cinema	3
ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ASIA 252	Popular Culture in Modern Southeast Asia	3
ASIA 262	Nation, Film, and Novel in Modern India	3
ASIA 332	The Story of Rama in India	3
ASIA 333	The Mahabharata: Remembered and Reimagined	3
ASIA 431	Persian Sufi Literature	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
ASIA 522	The Beauty and the Power of the Classical Indian World	3
ASIA 350/ AMST 352	The Asian American Experience	3
ASIA/CMPL 256	Love in Classical Persian Poetry	3
ASIA/CMPL 258	Iranian Prison Literature	3
ASIA/CMPL 261	India through Western Eyes	3
ASIA/CMPL 359	Literary Diasporas of the Middle East	3
ASIA/CMPL 442	Postcolonial Literature of the Middle East	3
ASIA 331/ HIST 335/ PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
ASIA/JWST 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	3
ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA/JWST 357/ PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ASIA/MUSC 164	Music of South Asia	3
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	3
ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3
ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
ASIA/WGST 127	Iranian Women Writers	3
ASIA/WGST 329	Middle East Women Writers	3
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	3

CHIN 150	Introduction to Chinese Civilization	3
CHIN 231	Chinese Literature in Translation through the T'ang	3
CHIN 232	Chinese Literature in Translation since the Sung	3
CHIN 242	Chinese Qin Music	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
CHIN 342	The Rise of China: A Global and Multidisciplinary Approach	3
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
CHIN 354	Chinese Culture through Calligraphy	3
CHIN 356	Chinese Environmental Literature	3
CHIN 361	Chinese Traditional Theater	3
CHIN 367	Illustration and the Animation of Text	3
CHIN 463	Narrative Ethics in Modern China	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CHIN 531	The Chinese Zither in Poetry and Painting	3
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3
CHIN 563	Post-Mao Chinese Literature in Translation	3
HIST 271/ JAPN 231	Premodern Japanese History and Culture	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
JAPN 150	Introduction to Japanese Culture	3
JAPN 160	Introduction to Japanese Literature in Translation	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3
JAPN 246	Early Modern Japanese History and Culture	3
JAPN 261	Japanese Theater	3
JAPN 277	Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
JAPN 363	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3
JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
JAPN/WGST 381	Women and Work in Japan	3
JAPN/WGST 384	Women Writers in Japanese Society	3
KOR 150	History, Memory, and Reality in Contemporary Korea	3
KOR 151	Education and Social Changes in Contemporary Korea	3
KOR 327	Korean Diasporas	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## China Courses

Code	Title	Hours
AAAD 301	Contemporary China-Africa Relations	3
ANTH/ASIA 545	The Politics of Culture in East Asia	3
ANTH/ASIA 574	Chinese World Views	3
ANTH/ASIA 578	Chinese Diaspora in the Asia Pacific	3
ANTH/ASIA 682	Contemporary Chinese Society	3
ARTH/ASIA 468	Visual Arts and Culture in Modern and Contemporary China	3
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 453	Global Shangri-La: Tibet in the Modern World <sup>1</sup>	3
ASIA/HIST 133	Introduction to Chinese History	3
ASIA 303/ RELI 288	Chinese Religions	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
CHIN 150	Introduction to Chinese Civilization	3
CHIN 231	Chinese Literature in Translation through the T'ang	3
CHIN 232	Chinese Literature in Translation since the Sung	3
CHIN 242	Chinese Qin Music	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
CHIN 342	The Rise of China: A Global and Multidisciplinary Approach	3
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
CHIN 354	Chinese Culture through Calligraphy	3
CHIN 356	Chinese Environmental Literature	3
CHIN 361	Chinese Traditional Theater	3
CHIN 367	Illustration and the Animation of Text	3
CHIN 463	Narrative Ethics in Modern China	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CHIN 531	The Chinese Zither in Poetry and Painting	3
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3
CHIN 563	Post-Mao Chinese Literature in Translation	3
GEOG 270	Geography of Contemporary China	3
HIST 284	Late Imperial China	3
HIST 285	20th-Century China	3
HIST 550	Gender in Chinese History	3
POLI 237	The Politics of China	3
SOCI 418	Contemporary Chinese Society	3



<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> ASIA 453 may be counted for either the China or South Asia region, but not both.

## Japan Courses

Code	Title	Hours
ANTH/ASIA 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH/ASIA 586	The Gardens, Shrines, and Temples of Japan	3
ASIA 54	First-Year Seminar: The American Life of Japanese Women	3
ASIA 58	First-Year Seminar: Chasing Madame Butterfly <sup>H</sup>	3
ASIA 63	First-Year Seminar: Japanese Tea Culture	3
ASIA 67	First-Year Seminar: Japanese Fashion: History and Culture <sup>H</sup>	3
ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ASIA/CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
ASIA/CMPL 380	Almost Despicable Heroines in Japanese and Western Literature	3
ASIA/CMPL 481	Rhetoric of Silence: Cross-Cultural Theme and Technique	3
ASIA/CMPL 483	Cross-Currents in East-West Literature	3
ASIA/CMPL 486	Literary Landscapes in Europe and Japan <sup>H</sup>	3
ASIA/HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
ASIA/HIST 287	Japan's Modern Revolution	3
ASIA/HIST 288	Japan in the 20th Century	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3
ASIA 302/ RELI 287	Modern Japanese Religions	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ASIA/RELI 488	Shinto in Japanese History	3
ASIA/RELI 489	Animals in Japanese Religion	3
HIST 271/ JAPN 231	Premodern Japanese History and Culture	3
JAPN 150	Introduction to Japanese Culture	3
JAPN 160	Introduction to Japanese Literature in Translation	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3
JAPN 162	Japanese Popular Culture	3
JAPN 246	Early Modern Japanese History and Culture	3
JAPN 261	Japanese Theater	3
JAPN 277	Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
JAPN 363	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3
JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3

JAPN/LING 563	Structure of Japanese	3
JAPN/WGST 381	Women and Work in Japan	3
JAPN/WGST 384	Women Writers in Japanese Society	3
RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
RELI 586	Women and Gender in Japanese Religions	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Korea Courses

Code	Title	Hours
KOR 150	History, Memory, and Reality in Contemporary Korea	3
KOR 151	Education and Social Changes in Contemporary Korea	3
KOR 327	Korean Diasporas	3

## Middle East Courses

Code	Title	Hours
ARAB 150	Introduction to Arab Cultures	3
ARAB 151	Arabic Literature through the Ages	3
ARAB 321	Visions of Emancipation in Modernist Arab Thought	3
ARAB 337	Borders and Walls in the Arab World	3
ARAB 338	Borders and Walls in the Arab World - Experiential	3
ARAB 350	Women and Leadership in the Arab World	3
ARAB 434	Modern Arabic Literature in Translation	3
ARAB 443	Dissident Voices in Arab Cultures	3
ARAB 452	Imagining Palestine	3
ARAB 453	Film, Nation, and Identity in the Arab World	3
ARAB 462	Global Perspectives on Arab Cultures and Societies	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3
ARTH 351	Crusader Art	3
ARTH/ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3
ARTH/ASIA 251	Art in the Age of the Caliphs	3
ARTH/ASIA 458	Islamic Architecture and the Environment	3
ARTH/ASIA 561	Arts of the Islamic Mediterranean	3
ASIA 64	First-Year Seminar: Arab World Photography	3
ASIA 70	First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals	3
ASIA 106	Israeli Popular Culture: The Case of Music	3
ASIA 122	Introduction to Iranian Culture <sup>1</sup>	3
ASIA/CMPL 359	Literary Diasporas of the Middle East	3
ASIA/CMPL 442	Postcolonial Literature of the Middle East	3
ASIA/GEOG 447	Gender, Space, and Place in the Middle East	3
ASIA/HIST 138	History of Muslim Societies to 1500	3
ASIA/HIST 139	History of Muslim Societies since 1500	3
ASIA/HIST 276	The Modern Middle East	3
ASIA/HIST 277	The Conflict over Israel/Palestine	3
ASIA/HIST 536	Revolution in the Modern Middle East	3

ASIA/HIST 537	Women in the Middle East	3	ASIA 163	Hindi-Urdu Poetry in Performance	3
ASIA/HIST 538	The Middle East and the West	3	ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ASIA/JWST 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	3	ASIA 231	Bollywood Cinema	3
ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3	ASIA 262	Nation, Film, and Novel in Modern India	3
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3	ASIA 332	The Story of Rama in India	3
ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	ASIA 333	The Mahabharata: Remembered and Reimagined	3
ASIA/JWST 357/ PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	3	ASIA 431	Persian Sufi Literature	3
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	ASIA 453	Global Shangri-La: Tibet in the Modern World <sup>2</sup>	3
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	3	ASIA 522	The Beauty and the Power of the Classical Indian World	3
ASIA/RELI 180	Introduction to Islamic Civilization	3	ASIA/CMPL 256	Love in Classical Persian Poetry	3
ASIA/RELI 181	Modern Muslim Societies	3	ASIA/CMPL 258	Iranian Prison Literature	3
ASIA/RELI 584	The Qur'an as Literature	3	ASIA/CMPL 261	India through Western Eyes	3
ASIA/WGST 329	Middle East Women Writers	3	ASIA/COMM/ RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	3	ASIA/GEOG 267	South Asia	3
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts	3	ASIA/HIST 135	History of the Indian Subcontinent to 1750	3
GEOG 59	First-Year Seminar: Space, Identity, and Power in the Middle East	3	ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
GEOG 448	Transnational Geographies of Muslim Societies	3	ASIA/HIST 272	Contemporary India, Pakistan, and Bangladesh	3
RELI 110	The Archaeology of Palestine in the New Testament Period	3	ASIA/HIST 555	Religion, Coexistence, and Conflict in Medieval India	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3	ASIA/HIST 556	Gender in Indian History	3
RELI 503	Exploring the Dead Sea Scrolls	3	ASIA/HIST 557	Bandits, Rebels and Storytellers: Fiction and History in India	3
RELI 585	Religion and Culture of Turkey	3	ASIA 304/ HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
SOCI 60	First-Year Seminar: Sociology of the Islamic World	3	ASIA 331/ HIST 335/ PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
SOCI 419	Sociology of the Islamic World	3	ASIA/MUSC 164	Music of South Asia	3
			ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
			ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
			ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
			ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3
			ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
			ASIA/RELI 582	Islam and Islamic Art in South Asia	3
			ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	3
			ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
			ASIA/WGST 127	Iranian Women Writers	3
			HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
			HNUR/RELI 592	Religious Conflict and Literature in India	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> ASIA 122 may be counted for either the Middle East or South Asia region, but not both.

## South Asia Courses

Code	Title	Hours	
ANTH 361	Community in India and South Asia	3	
ARTH/ASIA 153	Introduction to South Asian Art	3	
ARTH/ASIA 266	Arts of Early & Medieval Asia	3	
ARTH/ASIA 273	Arts Under the Mughal Dynasty in India	3	
ARTH/ASIA 456	Art and Visual Culture of South Asia	3	
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3	
ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	3	
ASIA 122	Introduction to Iranian Culture <sup>1</sup>	3	
ASIA 124	Iranian Post-1979 Cinema	3	
ASIA 126	Introduction to Persian Literature	3	
ASIA 152	Survey of South Asian Cultural History	3	
			<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
			<sup>1</sup> ASIA 122 may be counted for either the Middle East or South Asia region, but not both.

<sup>2</sup> ASIA 453 may be counted for either the China or South Asia region, but not both.

## Southeast Asia Courses

Code	Title	Hours
ANTH 52	First-Year Seminar: Asian Cultures, Asian Cities, Asian Modernities	3
ANTH/ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH/ASIA 429	Culture and Power in Southeast Asia	3
ASIA 151	Literature and Society in Southeast Asia	3
ASIA 252	Popular Culture in Modern Southeast Asia	3
ASIA/HIST 131	Southeast Asia to the Early 19th Century	3
ASIA/HIST 539	The Economic History of Southeast Asia	3
ASIA/HIST 570	The Vietnam War	3
ASIA/MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
GEOG 64	First-Year Seminar: Vietnam	3
GEOG 266	People and Environment in Southeast Asia	3

## Other Courses

Code	Title	Hours
ARTH/ASIA 158	Introduction to East Asian Art and Architecture	3
ASIA 57	First-Year Seminar: Dis-Orienting the Orient	3
ASIA 89	First Year Seminar: Special Topics <sup>H</sup>	3
ASIA 150	Asia: An Introduction	3
ASIA 229	Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ASIA 241	Asian Literature/Study Abroad Program	3-6
ASIA 242	Asian Fine Arts/Study Abroad Program	3-6
ASIA 243	Asian Societies/Study Abroad Program	3
ASIA 244	Asian History/Study Abroad Program	3-6
ASIA 692H	Senior Honors Thesis II	3
ASIA 350/ AMST 352	The Asian American Experience	3
ASIA/CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3
ASIA/ECON 469	Asian Economic Systems	3
ASIA/ENGL 360	Contemporary Asian American Literature and Theory	3
ASIA/GEOG 265	Eastern Asia	3
ASIA/HIST 134	Modern East Asia	3
ASIA/RELI 183	Asian Religions	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
ASIA/RELI 445	Asian Religions in America	3
ASIA/RELI 581	Sufism	3
DRAM 291	Re-Playing Shakespeare in East Asia	3
ENGL 79	First-Year Seminar: Globalization/Global Asians	3
ENGL 270	Studies in Asian American Literature	3
ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3

FREN 383	Franco-Asian Encounters	3
GLBL 484	History and Politics of Central Asia	3
HIST 163	Modern Central Asia	3
HIST 274	History of the Ottoman Empire, 1300-1923	3
PHIL 213	Asian Philosophy	3
POLI 437	Political Change in Asia	3
RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
RELI 106	Introduction to Early Judaism	3
RELI 107	Introduction to Modern Judaism	3
RELI 184	East Asian Religions: The Religions of East Asia and the Environment	3
RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
RELI 343	Religion in Modern Israel	3
RELI 480	Modern Muslim Literatures	3
RELI 481	Religion, Fundamentalism, and Nationalism	3
RELI 512	Ancient Synagogues	3
RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3

One language course beyond level 4 or a course at level 2 or above in a second Asian language may count as a major course.

**Hours** <sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

### Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

### Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history

or religious studies. This LAC recitation section offers students the opportunity to use their Arabic language skills in a broader intellectual context.

Additional LAC offerings are being developed in Chinese and Hindi-Urdu.

## Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

## Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

## Study Abroad

UNC–Chapel Hill sponsors several study programs (summer, semester, and yearlong) in China, Egypt, India, Israel, Japan, Jordan, Korea, Mongolia, Morocco, Nepal, Oman, Singapore, Taiwan, Thailand, Turkey, and Vietnam. Asian studies majors are strongly encouraged to take advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

## Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

# Asian Studies Major, B.A.–Arab Cultures Concentration

## Contact Information

### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)  
New West 113, CB# 3267  
(919) 962-4294

### Fadi Bardawil, Arabic Program Advisor

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### Nadia Yaqub, Chair

[yaqub@email.unc.edu](mailto:yaqub@email.unc.edu)

### Robin Visser, Associate Chair and Director of Undergraduate Studies

[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

### Lori Harris, Department Manager

[lori@unc.edu](mailto:lori@unc.edu)

The Department of Asian Studies offers five major concentrations, nine minors, and instruction in Asian and Middle Eastern languages. Students pursuing the B.A. degree in Asian Studies can complete the interdisciplinary major in Asian Studies, or concentrate in Arab Cultures, Chinese, Japanese, or South Asian Studies.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ARAB 300	Arabic Grammar and Composition	3
Two additional Arabic language courses beyond ARAB 204 <sup>1</sup>		6
One of the following introductory-level classes: <sup>2</sup>		3
ASIA 64	First-Year Seminar: Arab World Photography <sup>3</sup>	
ASIA 70	First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals <sup>3</sup>	
ARAB 150	Introduction to Arab Cultures	
ARAB 151	Arabic Literature through the Ages	
Four Arabic literature and culture courses (list below)		12
<b>Additional Requirements</b>		
Arabic through level 4 <sup>4</sup>		4
Total Hours		28

<sup>1</sup> Students whose initial language placement is above ARAB 305 should consult the department.

<sup>2</sup> It is recommended that students take this course either prior to or concurrent with upper-level Arabic literature and culture classes.

<sup>3</sup> No more than one first-year seminar may be counted among the eight major courses.

<sup>4</sup> The first three levels of Arabic (ARAB) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

## Arabic Literature and Culture Courses

Code	Title	Hours
<b>At least three must be chosen from:</b>		
ARAB 321	Visions of Emancipation in Modernist Arab Thought	
ARAB 337	Borders and Walls in the Arab World	
ARAB 338	Borders and Walls in the Arab World - Experiential	
ARAB 350	Women and Leadership in the Arab World	
ARAB 407	Readings in Arabic I (taught in Arabic)	
ARAB 408	Readings in Arabic II (taught in Arabic)	
ARAB 434	Modern Arabic Literature in Translation	
ARAB 443	Dissident Voices in Arab Cultures	
ARAB 452	Imagining Palestine	
ARAB 453	Film, Nation, and Identity in the Arab World	
ARAB 462	Global Perspectives on Arab Cultures and Societies	
ASIA 692H	Senior Honors Thesis II	
ASIA/CMPL 359	Literary Diasporas of the Middle East	
ASIA/CMPL 442	Postcolonial Literature of the Middle East	
ASIA/JWST/PWAD 357/362	The Arab-Jews: Culture, Community, and Coexistence	
ASIA/JWST/PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
ASIA/WGST 329	Middle East Women Writers	
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	

### Hours At most one course may be chosen from:

ARAB/ASIA/RELI 681	Readings in Islamicate Literatures
ARTH 351	Crusader Art
ARTH/ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>
ARTH/ASIA 251	Art in the Age of the Caliphs
ARTH/ASIA 458	Islamic Architecture and the Environment
ARTH/ASIA 561	Arts of the Islamic Mediterranean
ASIA/GEOG 447	Gender, Space, and Place in the Middle East
ASIA/HIST 138	History of Muslim Societies to 1500
ASIA/HIST 139	History of Muslim Societies since 1500
ASIA/HIST 276	The Modern Middle East
ASIA/HIST 277	The Conflict over Israel/Palestine
ASIA/HIST 536	Revolution in the Modern Middle East
ASIA/HIST 537	Women in the Middle East
ASIA/HIST 538	The Middle East and the West
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa
ASIA/RELI 180	Introduction to Islamic Civilization
ASIA/RELI 181	Modern Muslim Societies
ASIA/RELI 581	Sufism
ASIA/RELI 582	Islam and Islamic Art in South Asia
ASIA/RELI 584	The Qur'an as Literature
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts
GEOG 59	First-Year Seminar: Space, Identity, and Power in the Middle East <sup>1</sup>
GEOG 448	Transnational Geographies of Muslim Societies
RELI 185	Women/Gender/Islam <sup>H</sup>
RELI 480	Modern Muslim Literatures
SOCI 60	First-Year Seminar: Sociology of the Islamic World <sup>1</sup>
SOCI 419	Sociology of the Islamic World
or approved courses taken in UNC-Chapel Hill-sponsored study abroad programs	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than one first-year seminar may be counted among the eight major courses.

Students majoring in Arab cultures are strongly encouraged to take additional Arabic literature or culture courses as electives or to fulfill General Education requirements.

Note that ARAB 308 does not count toward this major.

Placement credit (PL) may not be used to meet core requirements for the concentration.



With the approval of the associate chair of Asian studies, a student may count a course in directed readings (ASIA 496 or ARAB 496) in the concentration in Arab cultures. To register for ASIA 496 or ARAB 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

Of the eight courses in the concentration in Arab cultures, at least six must be passed with a grade of C (not C-) or better.

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

### Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

### Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic language skills in a broader intellectual context.

Additional LAC offerings are being developed in Chinese and Hindi-Urdu.

### Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

### Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

## Study Abroad

UNC–Chapel Hill sponsors several study programs (summer, semester, and yearlong) in China, Egypt, India, Israel, Japan, Jordan, Korea, Mongolia, Morocco, Nepal, Oman, Singapore, Taiwan, Thailand, Turkey, and Vietnam. Asian studies majors are strongly encouraged to take advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

## Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Asian Studies Major, B.A.–Chinese Concentration

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)  
New West 113, CB# 3267  
(919) 962-4294

#### Uffe Bergeton, Chinese Program Advisor

[bergeton@email.unc.edu](mailto:bergeton@email.unc.edu)

#### Nadia Yaqub, Chair

[yaqub@email.unc.edu](mailto:yaqub@email.unc.edu)

#### Robin Visser, Associate Chair and Director of Undergraduate Studies

[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

#### Lori Harris, Department Manager

[lori@unc.edu](mailto:lori@unc.edu)

The Department of Asian Studies offers five major concentrations, nine minors, and instruction in Asian and Middle Eastern languages. Students pursuing the B.A. degree in Asian Studies can complete the interdisciplinary major in Asian Studies, or concentrate in Arab Cultures, Chinese, Japanese, or South Asian Studies.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)

- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

**Minors**

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The concentration in Chinese can be pursued along one of two tracks, depending on the student’s initial Chinese language placement. Both tracks require eight courses. Students whose initial language placement is above CHIN 305 or CHIN 313 should consult the department.

- Track A (p. 257) is for students who have completed CHIN 204
- Track B (p. 258) is for students who have completed CHIN 212

### Track A

Code	Title	Hours
<b>Core Requirements</b>		
CHIN 510 or CHIN 511	Introduction to Classical Chinese Literary Chinese	3
Five courses above CHIN 204, chosen from:		15
CHIN 305	Advanced Chinese I	
CHIN 306	Advanced Chinese II	
CHIN 407	Readings in Modern Chinese I	
CHIN 408	Readings in Modern Chinese II	

CHIN 441	Chinese-English Translation and Interpreting	
CHIN 442	Modern Chinese Society	
CHIN 443	Business Communication in Chinese	
CHIN 490	Topics in Chinese Literature and Language	
CHIN 525	Ancient Philosophers and Their Modern Reincarnation	
CHIN 532	Modernizing the Chinese Language	
CHIN 590	Advanced Topics in Chinese Literature and Language	
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
Two culture courses (chosen from list below)		6
<b>Additional Requirements</b>		
Chinese through level 4 <sup>1</sup>		4
Total Hours		28

<sup>1</sup> The first three levels of Chinese (CHIN) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

### Culture Courses

Code	Title	Hours
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
ASIA 692H	Senior Honors Thesis II	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
CHIN 150	Introduction to Chinese Civilization	3
CHIN 231	Chinese Literature in Translation through the T'ang	3
CHIN 232	Chinese Literature in Translation since the Sung	3
CHIN 242	Chinese Qin Music	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
CHIN 342	The Rise of China: A Global and Multidisciplinary Approach	3
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
CHIN 354	Chinese Culture through Calligraphy	3
CHIN 356	Chinese Environmental Literature	3
CHIN 361	Chinese Traditional Theater	3
CHIN 367	Illustration and the Animation of Text	3
CHIN 463	Narrative Ethics in Modern China	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CHIN 531	The Chinese Zither in Poetry and Painting	3
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3

CHIN 563 Post-Mao Chinese Literature in Translation 3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Track B

Code	Title	Hours
<b>Core Requirements</b>		
CHIN 510 or CHIN 511	Introduction to Classical Chinese Literary Chinese	3
Five courses above CHIN 212, chosen from:		15
CHIN 313	Advanced Written Chinese	
CHIN 414	Advanced Reading and Composition	
CHIN 441	Chinese-English Translation and Interpreting	
CHIN 443	Business Communication in Chinese	
CHIN 490	Topics in Chinese Literature and Language	
CHIN 525	Ancient Philosophers and Their Modern Reincarnation	
CHIN 532	Modernizing the Chinese Language	
CHIN 590	Advanced Topics in Chinese Literature and Language	
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
Two culture courses (chosen from list below)		6
<b>Additional Requirements</b>		
CHIN 111 and CHIN 212 <sup>1</sup>		0
Total Hours		24

<sup>1</sup> The first two courses on track B in Chinese (CHIN 111 and CHIN 212) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

## Culture Courses

Code	Title	Hours
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
ASIA 692H	Senior Honors Thesis II	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
CHIN 150	Introduction to Chinese Civilization	3
CHIN 231	Chinese Literature in Translation through the T'ang	3
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CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
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CHIN 531	The Chinese Zither in Poetry and Painting	3
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3
CHIN 563	Post-Mao Chinese Literature in Translation	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Additional Notes for Both Tracks

Approved language courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the concentration. However, study abroad courses may not substitute for the two required culture courses, which must be taken in the Department of Asian Studies. No more than one first-year seminar or senior honors thesis course may be included among the two culture courses.

Placement credit (PL) may not be used to meet core requirements for the concentration.

With the approval of the associate chair of Asian studies, a student may count a course in directed readings (ASIA 496 or CHIN 496) in the concentration in Chinese. To register for ASIA 496 or CHIN 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

Of the eight courses in the concentration in Chinese, at least six must be passed with a grade of C (not C-) or better.

## Special Opportunities in Asian Studies Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

## Departmental Involvement

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advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

## Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic language skills in a broader intellectual context.

Additional LAC offerings are being developed in Chinese and Hindi-Urdu.

## Libraries

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## Speaker Series

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## Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Asian Studies Major, B.A. – Japanese Concentration

### Contact Information

Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267  
(919) 962-4294

**Dwayne Dixon, Japanese Program Advisor**  
dedixon@email.unc.edu

**Nadia Yaqub, Chair**  
yaqub@email.unc.edu

**Robin Visser, Associate Chair and Director of Undergraduate Studies**  
rvisser@email.unc.edu

**Lori Harris, Department Manager**  
lori@unc.edu

The Department of Asian Studies offers five major concentrations, nine minors, and instruction in Asian and Middle Eastern languages. Students pursuing the B.A. degree in Asian Studies can complete the interdisciplinary major in Asian Studies, or concentrate in Arab Cultures, Chinese, Japanese, or South Asian Studies.

## Department Programs

### Majors

- Asian Studies Major, B.A. – Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A. – Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A. – Chinese Concentration (p. 256)
- Asian Studies Major, B.A. – Japanese Concentration (p. 259)
- Asian Studies Major, B.A. – South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses

- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
JAPN 305	Advanced Japanese I <sup>1</sup>	3
JAPN 306	Advanced Japanese II	3
At least three advanced Japanese courses from the list below		9
At least two culture courses from the list below <sup>2</sup>		6
One more course that may be from either the advanced Japanese list or the culture list <sup>2</sup>		3
<b>Additional Requirements</b>		
Japanese through level 4 <sup>3</sup>		4
Total Hours		28

<sup>1</sup> Students whose initial language placement is above JAPN 305 should consult the department.

<sup>2</sup> No more than one first-year seminar or senior honors thesis course may be included among the culture courses.

<sup>3</sup> The first three levels of Japanese (JAPN) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Approved courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the concentration.

Placement credit (PL) may not be used to meet core requirements for the concentration.

With the approval of the associate chair of Asian studies, a student may count a course in directed readings (ASIA 496 or JAPN 496) in the concentration in Japanese. To register for ASIA 496 or JAPN 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

Of the eight courses in the concentration in Japanese, at least six must be passed with a grade of C (not C-) or better.

## Advanced Japanese Courses

Code	Title	Hours
JAPN 401	Gateway to Mastering Japanese	3
JAPN 408	Japanese Journalism	3
JAPN 409	Japanese Modernism	3
JAPN 410	Topics in Contemporary Japanese Literature	3
JAPN 411	Food and Culture in Japan	3
JAPN 412	Making Music in Japan	3
JAPN 413	Fashioning Japan: Gender, Nation, and Dress	3
JAPN 414	Manga as a Japanese Art and Culture	3
JAPN 415	Sports in Japanese Culture	3
JAPN 416	Understanding Japanese Business Culture and Its Practice	3
JAPN 417	Japanese Culture through Film and Literature	3
JAPN 490	Topics in Japanese Language and Literature	3

JAPN 521	Investigating Japanese Culture through TV Dramas	3
JAPN 590	Advanced Topics in Japanese Language and Literature	3

## Culture Courses

Code	Title	Hours
ASIA 54	First-Year Seminar: The American Life of Japanese Women	3
ASIA 58	First-Year Seminar: Chasing Madame Butterfly <sup>H</sup>	3
ASIA 63	First-Year Seminar: Japanese Tea Culture	3
ASIA 67	First-Year Seminar: Japanese Fashion: History and Culture <sup>H</sup>	3
ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ASIA 692H	Senior Honors Thesis II	3
ASIA/CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
ASIA/CMPL/ WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3
ASIA/CMPL 481	Rhetoric of Silence: Cross-Cultural Theme and Technique	3
ASIA/CMPL 483	Cross-Currents in East-West Literature	3
ASIA/CMPL 486	Literary Landscapes in Europe and Japan <sup>H</sup>	3
HIST 271/ JAPN 231	Premodern Japanese History and Culture	3
HIST 370/ JAPN 363	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
JAPN 150	Introduction to Japanese Culture	3
JAPN 160	Introduction to Japanese Literature in Translation	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3
JAPN 162	Japanese Popular Culture	3
JAPN 246/ HIST 247	Early Modern Japanese History and Culture	3
JAPN 261	Japanese Theater	3
JAPN 277	Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3
JAPN/WGST 381	Women and Work in Japan	3
JAPN/WGST 384	Women Writers in Japanese Society	3
JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
JAPN/LING 563	Structure of Japanese	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the



major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

## Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

## Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic language skills in a broader intellectual context.

Additional LAC offerings are being developed in Chinese and Hindi-Urdu.

## Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

## Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

## Study Abroad

UNC–Chapel Hill sponsors several study programs (summer, semester, and yearlong) in China, Egypt, India, Israel, Japan, Jordan, Korea, Mongolia, Morocco, Nepal, Oman, Singapore, Taiwan, Thailand, Turkey, and Vietnam. Asian studies majors are strongly encouraged to take advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

## Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors

thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

# Asian Studies Major, B.A. – South Asian Studies Concentration

## Contact Information

### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

### Afroz Taj, South Asia Program Advisor

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### Nadia Yaqub, Chair

[yaqub@email.unc.edu](mailto:yaqub@email.unc.edu)

### Robin Visser, Associate Chair and Director of Undergraduate Studies

[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

### Lori Harris, Department Manager

[lori@unc.edu](mailto:lori@unc.edu)

The Department of Asian Studies offers five major concentrations, seven minors, and instruction in Asian and Middle Eastern languages. Students pursuing the B.A. degree in Asian Studies can complete the interdisciplinary major in Asian Studies, or concentrate in Arab Cultures, Chinese, Japanese, or South Asian Studies.

## Department Programs

### Majors

- Asian Studies Major, B.A. – Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A. – Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A. – Chinese Concentration (p. 256)
- Asian Studies Major, B.A. – Japanese Concentration (p. 259)
- Asian Studies Major, B.A. – South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Two Hindi-Urdu courses beyond HNUR 204. <sup>1</sup>		6
One of the following introductory courses: <sup>2</sup>		3
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	
ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	
ASIA 152	Survey of South Asian Cultural History	
ASIA/GEOG 267	South Asia	
ASIA/HIST 135	History of the Indian Subcontinent to 1750	
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	
Five courses, including at least three numbered 200 or above, from either the list of introductory courses above or the course list below		15
<b>Additional Requirements</b>		
HNUR through level 4 <sup>3</sup>		4
HNUR 220	Introduction to the Hindi Script (Devanagari) (not required if the student has taken HNUR 101)	1
HNUR 221	Introduction to the Urdu Script (Nastaliq)	1
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Students whose initial language placement is above HNUR 305 should consult the department.

<sup>2</sup> It is recommended that students take this course either prior to or concurrent with upper-level South Asian literature and culture classes.

<sup>3</sup> The first three levels of Hindi-Urdu (HNUR) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

## Courses

Code	Title	Hours
ANTH 361	Community in India and South Asia	3
ARTH/ASIA 153	Introduction to South Asian Art	3
ARTH/ASIA 266	Arts of Early & Medieval Asia	3
ARTH/ASIA 273	Arts Under the Mughal Dynasty in India	3
ARTH/ASIA 456	Art and Visual Culture of South Asia	3
ASIA 122	Introduction to Iranian Culture	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA 126	Introduction to Persian Literature	3
ASIA 163	Hindi-Urdu Poetry in Performance	3
ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ASIA 231	Bollywood Cinema	3
ASIA 262	Nation, Film, and Novel in Modern India	3
ASIA 332	The Story of Rama in India	3
ASIA 333	The Mahabharata: Remembered and Reimagined	3
ASIA 431	Persian Sufi Literature	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
ASIA 522	The Beauty and the Power of the Classical Indian World	3
ASIA 692H	Senior Honors Thesis II	3
ASIA/CMPL 256	Love in Classical Persian Poetry	3
ASIA/CMPL 258	Iranian Prison Literature	3
ASIA/CMPL 261	India through Western Eyes	3
ASIA/COMM/RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/HIST 272	Contemporary India, Pakistan, and Bangladesh	3
ASIA/HIST 555	Religion, Coexistence, and Conflict in Medieval India	3
ASIA/HIST 556	Gender in Indian History	3
ASIA/HIST 557	Bandits, Rebels and Storytellers: Fiction and History in India	3
ASIA 304/HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
ASIA 331/HIST 335/PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
ASIA/MUSC 164	Music of South Asia	3
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3
ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
ASIA/RELI 581	Sufism	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3
ASIA/RELI 583	Religion and Culture in Iran, 1500–Present	3

ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
ASIA/WGST 127	Iranian Women Writers	3
HNUR 407	South Asian Society and Culture	3
HNUR 408	South Asian Media and Film	3
HNUR 409	Sex and Social Justice in South Asia	3
HNUR 410	Seminar on the Urdu-Hindi Ghazal	3
HNUR 411	Health and Medicine in South Asia	3
HNUR 490	Topics in Hindi-Urdu Literature and Language	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
RELI 381	Religions of South Asia	3
RELI 481	Religion, Fundamentalism, and Nationalism	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Placement credit (PL) may not be used to meet core requirements for the concentration. However, the additional requirements may be met by placement.

Approved courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the concentration. No more than one first-year seminar may be counted among the eight major courses.

With the approval of the associate chair of Asian studies, a student may count a course in directed readings (ASIA 496 or HNUR 496) in the concentration in South Asian studies. To register for ASIA 496 or HNUR 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

Of the eight courses in the concentration in South Asian studies, at least six must be passed with a grade of C (not C-) or better.

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

### Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on

campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

## Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic language skills in a broader intellectual context.

Additional LAC offerings are being developed in Chinese and Hindi-Urdu.

## Libraries

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## Study Abroad

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## Undergraduate Research

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## Asian Studies Minor

## Contact Information

### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

**Dwayne Dixon, Interdisciplinary Program Advisor**

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**Nadia Yaqub, Chair**

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**Robin Visser, Associate Chair and Director of Undergraduate Studies**

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**Lori Harris, Department Manager**

lori@unc.edu

Stretching from Japan to the Arab world, Asia is the largest and most populous continent in the world and home to an array of diverse cultures and political structures. A minor in interdisciplinary Asian studies offers students the opportunity to study a broad range of topics, building the global awareness that will be useful in government employment; internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

A student may take an interdisciplinary minor in Asian studies by completing five courses from among those accepted for the interdisciplinary Asian studies major (p. 248). At least two courses must be taken within the Department of Asian Studies, chosen from the list in the section describing the major. (Study abroad courses may not be substituted for these two courses.) The courses taken for the minor must include one from three of the six regions of Asia (China, Japan, Korea, Middle East, South Asia, Southeast Asia), as defined in

the section describing the major. Students interested in advanced Asian language training should consider the Arabic, Chinese, Hebrew, Hindi-Urdu, Japanese, Korean, Persian, or Middle Eastern languages minors.

No more than one first-year seminar may be counted toward the minor.

See program page here (p. 248) for special opportunities.

## Arabic Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

#### Fadi Bardawil, Arabic Program Advisor

bardawil@email.unc.edu

#### Nadia Yaqub, Chair

yaqub@email.unc.edu

#### Robin Visser, Associate Chair and Director of Undergraduate Studies

rvisser@email.unc.edu

#### Lori Harris, Department Manager

lori@unc.edu

Political and economic developments in the Middle East, as well as the internationalization of many businesses and professions, have made understanding, speaking, reading, and writing Arabic an increasingly valuable skill. As the fifth most widely spoken language in the world, as one of the official languages of the United Nations, and as the religious language of a quarter of the world's population, Arabic is also a language with a rich literary and cultural heritage that deserves to be studied in its own right.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in Arabic consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three language courses beyond ARAB 203		9-10
ARAB 204	Intermediate Arabic II	
ARAB 300	Arabic Grammar and Composition	
ARAB 305	Advanced Arabic I	
ARAB 306	Advanced Arabic II	
ARAB 407	Readings in Arabic I	
ARAB 408	Readings in Arabic II	
One course chosen from among the following:		3
ARAB 150	Introduction to Arab Cultures	
ARAB 151	Arabic Literature through the Ages	
ARAB 321	Visions of Emancipation in Modernist Arab Thought	
ARAB 337	Borders and Walls in the Arab World	
ARAB 338	Borders and Walls in the Arab World - Experiential	
ARAB 350	Women and Leadership in the Arab World	
ARAB 407	Readings in Arabic I	
ARAB 408	Readings in Arabic II	
ARAB 434	Modern Arabic Literature in Translation	
ARAB 443	Dissident Voices in Arab Cultures	
ARAB 452	Imagining Palestine	
ARAB 453	Film, Nation, and Identity in the Arab World	
ARAB 462	Global Perspectives on Arab Cultures and Societies	
ARAB/ASIA/ RELI 681	Readings in Islamicate Literatures	
ARTH 351	Crusader Art	
ARTH/ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	
ARTH/ASIA 251	Art in the Age of the Caliphs	
ARTH/ASIA 458	Islamic Architecture and the Environment	
ARTH/ASIA 561	Arts of the Islamic Mediterranean	
ASIA 64	First-Year Seminar: Arab World Photography	
ASIA 70	First-Year Seminar: Narrating the Self: Autobiographies of Arab Intellectuals	
ASIA/CMPL 359	Literary Diasporas of the Middle East	
ASIA/CMPL 442	Postcolonial Literature of the Middle East	
ASIA/GEOG 447	Gender, Space, and Place in the Middle East	
ASIA/HIST 138	History of Muslim Societies to 1500	
ASIA/HIST 139	History of Muslim Societies since 1500	
ASIA/HIST 276	The Modern Middle East	
ASIA/HIST 277	The Conflict over Israel/Palestine	
ASIA/HIST 536	Revolution in the Modern Middle East	
ASIA/HIST 537	Women in the Middle East	
ASIA/HIST 538	The Middle East and the West	
ASIA/ JWST 357/ PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	
ASIA/RELI 180	Introduction to Islamic Civilization	
ASIA/RELI 181	Modern Muslim Societies	
ASIA/RELI 581	Sufism	
ASIA/RELI 582	Islam and Islamic Art in South Asia	
ASIA/RELI 584	The Qur'an as Literature	
ASIA/WGST 329	Middle East Women Writers	
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts	
GEOG 59	First-Year Seminar: Space, Identity, and Power in the Middle East	
GEOG 448	Transnational Geographies of Muslim Societies	
RELI 185	Women/Gender/Islam <sup>H</sup>	
RELI 480	Modern Muslim Literatures	
SOCI 60	First-Year Seminar: Sociology of the Islamic World	
SOCI 419	Sociology of the Islamic World	
Total Hours		12-13

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

ARAB 308 does not count toward the minor.

Placement credit (PL) may not be used to meet minor requirements.

See program page here (p. 254) for special opportunities.

## Chinese Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

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**Nadia Yaqub, Chair**



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**Robin Visser, Associate Chair and Director of Undergraduate Studies**  
rvisser@email.unc.edu

**Lori Harris, Department Manager**  
lori@unc.edu

Chinese, a member of the Sino-Tibetan family of languages, is the most widely spoken language and the language with the longest continuous written history in the world. Modern standard Chinese (Putonghua/Guoyu) is a standardized form of spoken Chinese, based on the Beijing dialect of Mandarin Chinese. One of only six official languages of the United Nations, Chinese is spoken not only in China, Taiwan, and Singapore, but also throughout Southeast Asia, North America, Europe, and anywhere large Chinese communities congregate. In 2010, Chinese was named one of the languages considered critical to U.S. national security by the U.S. Department of Education.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
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### Minors

- Arabic Minor (p. 264)
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- Chinese Minor (p. 265)
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- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in Chinese consists of five courses.

Code	Title	Hours
<b>Core Requirements</b>		
At least three courses must be language courses beyond CHIN 203, chosen from among the following:		
CHIN 204	Intermediate Chinese II	9-10
CHIN 212	Intermediate Written Chinese	

CHIN 305	Advanced Chinese I	6	
CHIN 306	Advanced Chinese II		
CHIN 313	Advanced Written Chinese		
CHIN 407	Readings in Modern Chinese I		
CHIN 408	Readings in Modern Chinese II		
CHIN 414	Advanced Reading and Composition		
CHIN 441	Chinese-English Translation and Interpreting		
CHIN 442	Modern Chinese Society		
CHIN 443	Business Communication in Chinese		
CHIN 490	Topics in Chinese Literature and Language		
CHIN 510	Introduction to Classical Chinese		
CHIN 511	Literary Chinese		
CHIN 525	Ancient Philosophers and Their Modern Reincarnation		
CHIN 532	Modernizing the Chinese Language		
CHIN 590	Advanced Topics in Chinese Literature and Language		
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland		
The other two courses may be chosen from the list above or from among the following:			
ASIA 52	First-Year Seminar: Food in Chinese Culture <sup>1</sup>		
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture <sup>1</sup>		
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought <sup>1</sup>		
ASIA 453	Global Shangri-La: Tibet in the Modern World		
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>1, H</sup>		
CHIN 150	Introduction to Chinese Civilization		
CHIN 231	Chinese Literature in Translation through the T'ang		
CHIN 232	Chinese Literature in Translation since the Sung		
CHIN 242	Chinese Qin Music		
CHIN 244	Introduction to Modern Chinese Culture through Cinema		
CHIN 252	Introduction to Chinese Culture through Narrative		
CHIN 253	Chinese Language and Society		
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films		
CHIN 342	The Rise of China: A Global and Multidisciplinary Approach		
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature		
CHIN 354	Chinese Culture through Calligraphy		
CHIN 356	Chinese Environmental Literature		
CHIN 361	Chinese Traditional Theater		
CHIN 367	Illustration and the Animation of Text		
CHIN 463	Narrative Ethics in Modern China		
CHIN 464	The City in Modern Chinese Literature and Film		
CHIN 531	The Chinese Zither in Poetry and Painting		
CHIN 551	Chinese Poetry in Translation		
CHIN 552	Chinese Prose in Translation		
CHIN 562	Contemporary Chinese Urban Culture and Arts		

CHIN 563	Post-Mao Chinese Literature in Translation
Total Hours	15-16

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than one first-year seminar may be counted toward the minor.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 256) for Special Opportunities.

## Modern Hebrew Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)  
New West 113, CB# 3267  
(919) 962-4294

**Dwayne Dixon, Hebrew Program Advisor**  
[dedixon@email.unc.edu](mailto:dedixon@email.unc.edu)

**Nadia Yaqub, Chair**  
[yaqub@email.unc.edu](mailto:yaqub@email.unc.edu)

**Robin Visser, Associate Chair and Director of Undergraduate Studies**  
[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

**Lori Harris, Department Manager**  
[lori@unc.edu](mailto:lori@unc.edu)

Hebrew is one of the world's oldest languages still spoken today. It was similar in origin to ancient Phoenician and developed into an independent language in the 12th century BCE. Hebrew was the spoken language of the Patriarchs during the Biblical period, and the Bible is written in Hebrew. While Aramaic, which utilizes the same alphabet, replaced Hebrew as the spoken language for centuries, Hebrew remained a language used for ritual, prayer, literature, and written communication. As a spoken language, Modern Hebrew began to emerge in the late 19th century and became, in 1913, the official language of instruction in Jewish schools in the region of Palestine. In 1948, Hebrew (along with Arabic) became the official language of the modern state of Israel.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.—Chinese Concentration (p. 256)
- Asian Studies Major, B.A.—Japanese Concentration (p. 259)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)

- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in Hebrew consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three language courses beyond HEBR 203:		9
HEBR/JWST 204	Intermediate Modern Hebrew II	
HEBR/JWST 305	Advanced Modern Hebrew I	
HEBR/JWST 306	Advanced Modern Hebrew II	
The other course must be chosen from among the following:		3
ASIA 106	Israeli Popular Culture: The Case of Music	
ASIA/HIST/PWAD 277	The Conflict over Israel/Palestine	
ASIA/JWST 53	First-Year Seminar: Israeli Popular Culture: The Case of Music	
ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	
ASIA/JWST/PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	
ASIA/JWST 357/PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	
ASIA/JWST/PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
RELI/JWST 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	
RELI/JWST 343	Religion in Modern Israel	
Total Hours		12

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 248) for special opportunities.

# Hindi-Urdu Minor

## Contact Information

### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

### Afroz Taj, South Asia Program Advisor

taj@email.unc.edu

### Nadia Yaqub, Chair

yaqub@email.unc.edu

### Robin Visser, Associate Chair and Director of Undergraduate Studies

rvisser@email.unc.edu

### Lori Harris, Department Manager

lori@unc.edu

Hindi-Urdu is critical to global culture. South Asia is now a major economic and geopolitical power, and home to one-fifth of the world's population. By conservative estimates, over half a billion people speak the language in South Asia, and depending on chosen parameters, it is variously ranked as the second- to fourth-most widely spoken language in the world. To directly communicate with this vast population of Hindi-Urdu speakers and have unfettered and unfiltered access to the rich cultural history of North India and Pakistan, fluency in Hindi-Urdu is essential. There a rich literary tradition in Hindi-Urdu and its dialectal ancestors, going back about a thousand years. There is also a thriving popular culture of South Asia – one which is very much dependent on Hindi-Urdu.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill

- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in Hindi-Urdu consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three courses are language courses beyond HNUR 203 chosen from among the following:		9-10
HNUR 204	Intermediate Hindi-Urdu II	
HNUR 305	Advanced Hindi-Urdu I	
HNUR 306	Advanced Hindi-Urdu II	
HNUR 407	South Asian Society and Culture	
HNUR 408	South Asian Media and Film	
HNUR 409	Sex and Social Justice in South Asia	
HNUR 410	Seminar on the Urdu-Hindi Ghazal	
HNUR 411	Health and Medicine in South Asia	
HNUR 490	Topics in Hindi-Urdu Literature and Language	
The other course must be chosen from among the following:		3
ANTH 361	Community in India and South Asia	
ARTH/ASIA 153	Introduction to South Asian Art	
ARTH/ASIA 266	Arts of Early & Medieval Asia	
ARTH/ASIA 273	Arts Under the Mughal Dynasty in India	
ARTH/ASIA 456	Art and Visual Culture of South Asia	
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	
ASIA 61	First-Year Seminar: India through the Lens of Master Filmmakers	
ASIA 124	Iranian Post-1979 Cinema	
ASIA 126	Introduction to Persian Literature	
ASIA 152	Survey of South Asian Cultural History	
ASIA 163	Hindi-Urdu Poetry in Performance	
ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	
ASIA 231	Bollywood Cinema	
ASIA 262	Nation, Film, and Novel in Modern India	
ASIA 332	The Story of Rama in India	
ASIA 333	The Mahabharata: Remembered and Reimagined	
ASIA 431	Persian Sufi Literature	
ASIA 453	Global Shangri-La: Tibet in the Modern World	
ASIA 522	The Beauty and the Power of the Classical Indian World	
ASIA/CMPL 256	Love in Classical Persian Poetry	
ASIA/CMPL 258	Iranian Prison Literature	
ASIA/CMPL 261	India through Western Eyes	

ASIA/COMM/ RELI 386	Dance and Embodied Knowledge in the Indian Context
ASIA/HIST 135	History of the Indian Subcontinent to 1750
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750
ASIA/HIST 272	Contemporary India, Pakistan, and Bangladesh
ASIA/HIST 555	Religion, Coexistence, and Conflict in Medieval India
ASIA/HIST 556	Gender in Indian History
ASIA/HIST 557	Bandits, Rebels and Storytellers: Fiction and History in India
ASIA 304/ HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia
ASIA 331/ HIST 335/ PWAD 331	Cracking India: Partition and Its Legacy in South Asia
ASIA/MUSC 164	Music of South Asia
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka
ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential
ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential
ASIA/RELI 581	Sufism
ASIA/RELI 582	Islam and Islamic Art in South Asia
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet
ASIA/RELI/ WGST 482	Sex, Gender, and Religion in South Asia
ASIA/WGST 127	Iranian Women Writers
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India
HNUR/RELI 592	Religious Conflict and Literature in India
RELI 381	Religions of South Asia
Total Hours	12-13

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 248) for special opportunities.

## Japanese Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

#### Dwayne Dixon, Japanese Program Advisor

[dedixon@email.unc.edu](mailto:dedixon@email.unc.edu)

#### Nadia Yaqub, Chair

[yaqub@email.unc.edu](mailto:yaqub@email.unc.edu)

#### Robin Visser, Associate Chair and Director of Undergraduate Studies

[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

#### Lori Harris, Department Manager

[lori@unc.edu](mailto:lori@unc.edu)

Japan has the world's third largest economy, advanced technology in many areas, and an exciting popular culture that influences the Euro-American cultural mainstream. Friendships with Japanese, experience traveling abroad, or even enjoying Japanese food locally, as well as the practice of a martial art and the love of Japanese popular media such as manga and anime have motivated students to pursue the study of Japanese language, culture, and history at Carolina. Once in the program, students enjoy meeting others with similar enthusiasms and often take part in related extracurricular activities such as the Japan Club and the anime club (COUP).

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.—Chinese Concentration (p. 256)
- Asian Studies Major, B.A.—Japanese Concentration (p. 259)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC—Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		

Four language courses beyond JAPN 203, chosen from among the following:

JAPN 204	Intermediate Japanese II
JAPN 305	Advanced Japanese I
JAPN 306	Advanced Japanese II
JAPN 401	Gateway to Mastering Japanese
JAPN 408	Japanese Journalism
JAPN 409	Japanese Modernism
JAPN 410	Topics in Contemporary Japanese Literature
JAPN 411	Food and Culture in Japan
JAPN 412	Making Music in Japan
JAPN 413	Fashioning Japan: Gender, Nation, and Dress
JAPN 414	Manga as a Japanese Art and Culture
JAPN 415	Sports in Japanese Culture
JAPN 416	Understanding Japanese Business Culture and Its Practice
JAPN 417	Japanese Culture through Film and Literature
JAPN 490	Topics in Japanese Language and Literature
JAPN 521	Investigating Japanese Culture through TV Dramas
JAPN 590	Advanced Topics in Japanese Language and Literature

Total Hours 12-13

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 259) for special opportunities.

## Korean Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)  
New West 113, CB# 3267  
(919) 962-4294

#### I Jonathan Kief, Korean Program Advisor

**Nadia Yaqub, Chair**  
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rvisser@email.unc.edu

**Lori Harris, Department Manager**  
lori@unc.edu

Korea occupies a place of significant geopolitical, economic, and cultural importance in the world. It is a unique country where five thousand years of history and tradition coexist with the most advanced technological and economic development. It is also a place where political and ideological differences divide the country into two Koreas (Republic of Korea, or South Korea, and Democratic Republic of Korea, or North Korea) that maintain one of the world's most fortified military zones. The Korean peninsula is home to over 72 million ethnic Koreans (North and South combined) and over 1.3 million recent migrants from all over the world. Approximately 7 million ethnic Koreans have migrated to other countries and have established diasporic communities in over 150 countries. The

Korean language is spoken by over 75 million people around the world and ranks 13th among the most used languages in the world.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in Korean consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three courses are language courses beyond KOR 203 (the first semester of Intermediate Korean), chosen from:		9-10
KOR 204	Intermediate Korean II	
KOR 305	Advanced Korean I	
KOR 306	Advanced Korean II	
KOR 407	Modern Korean Literature and Culture	
KOR 408	Changes and Continuities in Korean History	
KOR 490	Topics in Korean Language and Literature	
The fourth course must be chosen from among the following courses:		3
ARTH/ASIA 158	Introduction to East Asian Art and Architecture	
ASIA/ECON 469	Asian Economic Systems	
KOR 150	History, Memory, and Reality in Contemporary Korea	
KOR 151	Education and Social Changes in Contemporary Korea	



KOR 327	Korean Diasporas
KOR 407	Modern Korean Literature and Culture
KOR 408	Changes and Continuities in Korean History
KOR 490	Topics in Korean Language and Literature

Total Hours 12-13

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 248) for special opportunities.

## Middle Eastern Languages Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

#### Dwayne Dixon, MEL Minor Advisor

dedixon@email.unc.edu

#### Nadia Yaqub, Chair

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#### Robin Visser, Associate Chair and Director of Undergraduate Studies

rvisser@email.unc.edu

#### Lori Harris, Department Manager

lori@unc.edu

The minor in Middle Eastern languages is designed to encourage linguistic training that will prepare students for graduate study and for careers in journalism, foreign service, and international business, as well as other fields related to the Middle East. Students declaring this minor will be able to demonstrate commitment to Middle East studies, which will be considered favorably in the selection process for Foreign Language and Area Studies (FLAS) fellowships. FLAS funding for Middle Eastern languages is available at UNC–Chapel Hill through five centers related to the Middle East, South Asia, and North Africa. Middle Eastern languages students can choose from Arabic, modern Hebrew, Hindi-Urdu, Persian, or Turkish.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.–Chinese Concentration (p. 256)
- Asian Studies Major, B.A.–Japanese Concentration (p. 259)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 261)

### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)

- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
The minor consists of five courses taken in any two of the Middle Eastern languages listed below.		
Three courses above 203 in one Middle Eastern language.		9-10
Two courses at any level in a second Middle Eastern language.		6-8
Total Hours		15-18

All courses must be selected from the list below:

Code	Title	Hours
<b>Arabic</b>		
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
ARAB 203	Intermediate Arabic I	4
ARAB 204	Intermediate Arabic II	4
ARAB 300	Arabic Grammar and Composition	3
ARAB 305	Advanced Arabic I	3
ARAB 306	Advanced Arabic II	3
ARAB 407	Readings in Arabic I	3
ARAB 408	Readings in Arabic II	3
<b>Modern Hebrew</b>		
HEBR 101	Elementary Modern Hebrew I	3
HEBR 102	Elementary Modern Hebrew II	3
HEBR 203	Intermediate Modern Hebrew I	3
HEBR 204	Intermediate Modern Hebrew II	3
HEBR 305	Advanced Modern Hebrew I	3
HEBR 306	Advanced Modern Hebrew II	3
<b>Hindi-Urdu</b>		
HNUR 101	Elementary Hindi-Urdu I	4
HNUR 102	Elementary Hindi-Urdu II	4
HNUR 203	Intermediate Hindi-Urdu I	4
HNUR 204	Intermediate Hindi-Urdu II	4
HNUR 305	Advanced Hindi-Urdu I	3
HNUR 306	Advanced Hindi-Urdu II	3
HNUR 407	South Asian Society and Culture	3
HNUR 408	South Asian Media and Film	3
HNUR 409	Sex and Social Justice in South Asia	3
HNUR 410	Seminar on the Urdu-Hindi Ghazal	3
HNUR 490	Topics in Hindi-Urdu Literature and Language	3

Persian		
PRSN 101	Elementary Persian I	3
PRSN 102	Elementary Persian II	3
PRSN 203	Intermediate Persian I	3
PRSN 204	Intermediate Persian II	3
PRSN 305	Persian Short Stories	3
PRSN 306	Persian Language through Literature, Film, and Media	3
Turkish		
TURK 101	Elementary Turkish I	3
TURK 102	Elementary Turkish II	3
TURK 203	Intermediate Turkish I	3
TURK 204	Intermediate Turkish II	3

Note that ARAB 308, HNUR 220, and HNUR 221 do not count toward this minor. Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 248) for special opportunities.

## Persian Minor

### Contact Information

#### Department of Asian Studies

Visit Program Website (<http://asianstudies.unc.edu>)  
New West 113, CB# 3267  
(919) 962-4294

**Dwayne Dixon, Persian Program Advisor**  
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**Nadia Yaqub, Chair**  
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**Robin Visser, Associate Chair and Director of Undergraduate Studies**  
[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

**Lori Harris, Department Manager**  
[lori@unc.edu](mailto:lori@unc.edu)

Persian is an important language of the Middle East and Central Asia, spoken by approximately 70 million native speakers and roughly 110 million people worldwide. It is the official language of Iran. It also includes Persian Dari spoken in Afghanistan, and Tajik in Tajikistan. Studying Persian will also introduce you to the rich and diverse culture that produced major epic poets such as Ferdowsi, Sufi poets such as Rumi and Hafez, magnificent miniature paintings, fine carpets, and much more.

### Department Programs

#### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 248)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 254)
- Asian Studies Major, B.A.—Chinese Concentration (p. 256)
- Asian Studies Major, B.A.—Japanese Concentration (p. 259)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 261)

#### Minors

- Arabic Minor (p. 264)
- Asian Studies Minor (p. 263)
- Chinese Minor (p. 265)
- Modern Hebrew Minor (p. 267)
- Hindi-Urdu Minor (p. 268)
- Japanese Minor (p. 269)
- Korean Minor (p. 270)
- Middle Eastern Languages Minor (p. 271)
- Persian Minor (p. 272)

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in Persian consists of four courses. Students may complete either two language courses and two culture courses, or three language courses and one culture course.

Code	Title	Hours
<b>Core Requirements</b>		
Two language courses beyond PRSN 203 (the first semester of intermediate Persian), chosen from:		6
PRSN 204	Intermediate Persian II	
PRSN 305	Persian Short Stories	
PRSN 306	Persian Language through Literature, Film, and Media	
One course chosen from among the following:		3
ARTH/ASIA 251	Art in the Age of the Caliphs	
ARTH/ASIA 458	Islamic Architecture and the Environment	
ASIA 122	Introduction to Iranian Culture	
ASIA 124	Iranian Post-1979 Cinema	
ASIA 126	Introduction to Persian Literature	
ASIA 431	Persian Sufi Literature	
ASIA/CMPL 256	Love in Classical Persian Poetry	
ASIA/CMPL 258	Iranian Prison Literature	
ASIA/CMPL 359	Literary Diasporas of the Middle East	
ASIA/CMPL 442	Postcolonial Literature of the Middle East	
ASIA/GEOG/WGST 447	Gender, Space, and Place in the Middle East	
ASIA/HIST 135 History of the Indian Subcontinent to 1750		
ASIA/HIST 138 History of Muslim Societies to 1500		
ASIA/HIST 139 History of Muslim Societies since 1500		

ASIA/HIST 276	The Modern Middle East	
ASIA/HIST 536	Revolution in the Modern Middle East	
ASIA/HIST 538	The Middle East and the West	
ASIA/HIST/ WGST 537	Women in the Middle East	
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	
ASIA/RELI 180	Introduction to Islamic Civilization	
ASIA/RELI 181	Modern Muslim Societies	
ASIA/RELI 581	Sufism	
ASIA/RELI 582	Islam and Islamic Art in South Asia	
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	
ASIA/WGST 127	Iranian Women Writers	
ASIA/WGST 329	Middle East Women Writers	
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	
HIST 163	Modern Central Asia	
RELI 480	Modern Muslim Literatures	
SOCI 419	Sociology of the Islamic World	
A fourth course chosen from either the language or culture list above.		3
Total Hours		12

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 248) for special opportunities.

# DEPARTMENT OF BIOCHEMISTRY AND BIOPHYSICS

## Contact Information

### Department of Biochemistry and Biophysics

Visit Program Website (<http://www.med.unc.edu/biochem>)

Genetic Medicine Building, CB# 7260

(919) 962-8326

### Leslie V. Parise, Chair

The Department of Biochemistry and Biophysics in the UNC School of Medicine offers a number of courses to undergraduate students, but offers only advanced degrees and not a B.A. or B.S. degree. Undergraduate students interested in these areas should take relevant courses in the biochemical division of the Department of Chemistry and the Department of Physics. The department serves undergraduate students who are interested in biochemical research or health-related careers. It offers a series of undergraduate biochemistry classes, research opportunities, and counseling to students taking premedical, predoctoral, prenursing, prepharmacy, or public health curricula.

### Graduate Programs

- M.S. in Biochemistry and Biophysics (<http://catalog.unc.edu/graduate/schools-departments/biochemistry-biophysics>)
- Ph.D. in Biochemistry and Biophysics (<http://catalog.unc.edu/graduate/schools-departments/biochemistry-biophysics>)

## BIOC–Biochemistry

### Undergraduate-level Courses

#### BIOC 107. Introduction to Biochemistry. 4 Credits.

Recommended preparation, one year of high school chemistry. Designed for students who desire a background in biochemistry as it relates to the human body, such as premed, prenursing, predoctoral hygiene, and allied health. Brief review of inorganic and organic chemistry, followed by a survey of biochemistry (survey continues in BIOC 108).

**Gen Ed:** PX.

**Grading status:** Letter grade.

#### BIOC 108. Introduction to Biochemistry. 4 Credits.

Designed for premed, prenursing, predoctoral hygiene, allied health, and other students who desire a background in biochemistry as it relates to the human body. Continuation of BIOC 107; covers basic and clinically relevant aspects of biochemistry. Three lecture hours and one two-hour laboratory a week.

**Gen Ed:** PX.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

#### BIOC 442. Biochemical Toxicology. 3 Credits.

Required preparation, one course in biochemistry. Biochemical actions of toxicants and assessment of cellular damage by biochemical measurements. Three lecture hours per week.

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENVR 442, TOXC 442.

#### BIOC 601. Enzyme Properties, Mechanisms, and Regulation. 3 Credits.

Focuses on enzyme architecture to illustrate how the shapes of enzymes are designed to optimize the catalytic step and become allosterically modified to regulate the rate of catalysis.

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

#### BIOC 631. Advanced Molecular Biology I. 3 Credits.

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. DNA structure, function, and interactions in prokaryotic and eukaryotic systems, including chromosome structure, replication, recombination, repair, and genome fluidity. Three lecture hours a week.

**Grading status:** Letter grade

**Same as:** GNET 631, BIOL 631, MCRO 631.

#### BIOC 632. Advanced Molecular Biology II. 3 Credits.

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. The purpose of this course is to provide historical, basic, and current information about the flow and regulation of genetic information from DNA to RNA in a variety of biological systems. Three lecture hours a week.

**Grading status:** Letter grade

**Same as:** GNET 632, BIOL 632, MCRO 632.

#### BIOC 643. Cell Structure, Function, and Growth Control I. 3 Credits.

Comprehensive introduction to cell structure, function, and transformation.

**Requisites:** Prerequisite, undergraduate cell biology or biochemistry or permission of the instructor.

**Grading status:** Letter grade

**Same as:** CBIO 643, PHCO 643, PHYI 643.

#### BIOC 649. Mathematics and Macromolecules. 1.5 Credit.

This course focuses on the application of mathematics to topics important in biophysics, such as thermodynamics and electrostatics. The unit is designed to help students perform more efficiently in BIOC 650, 651, and 652.

**Grading status:** Letter grade.

#### BIOC 650. Basic Principles: From Basic Models to Collections of Macromolecules. 1.5 Credit.

Required preparation, two semesters of physical chemistry or permission of the instructor. Basic molecular models and their use in developing statistical descriptions of macromolecular function. Course intended primarily for graduate students.

**Requisites:** Prerequisite, CHEM 430.

**Grading status:** Letter grade.

**BIOC 651. Macromolecular Equilibria: Conformation Change and Binding. 1.5 Credit.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Macromolecules as viewed with modern computational methods. Course intended primarily for graduate students.

**Requisites:** Prerequisite, CHEM 430.

**Grading status:** Letter grade.

**BIOC 652. Macromolecular Equilibria. 1.5 Credit.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Stability of macromolecules and their complexes with other molecules. Course intended primarily for graduate students.

**Requisites:** Prerequisite, CHEM 430.

**Grading status:** Letter grade.

**BIOC 655. Case Studies in Structural Molecular Biology. 3 Credits.**

Principles of macromolecular structure and function with emphasis on proteins, molecular assemblies, enzyme mechanisms, and ATP enzymology.

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOC 660. Introduction to Light Microscopy. 1 Credit.**

Fundamentals of optics and light microscope design for the novice student.

**Requisites:** Prerequisites, BIOC 650, 651, and 652 or permission of the course director.

**Grading status:** Letter grade.

**BIOC 662. Macromolecular Interactions. 1 Credit.**

Theory and practice of biophysical methods used in the study of interactions between macromolecules and their ligands, including surface plasmon resonance, analytical ultracentrifugation, and calorimetry.

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOC 663A. Macromolecular NMR. 1 Credit.**

Principles and practice of nuclear magnetic resonance spectroscopy: applications to biological macromolecule structure and dynamics in solution. Course intended primarily for graduate students.

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOC 663B. Macromolecular NMR Practice. 1 Credit.**

Lab section for BIOC 663A. Course intended primarily for graduate students.

**Requisites:** Prerequisite, BIOC 664; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOC 664. Macromolecular Spectroscopy. 1 Credit.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Principles of UV, IR, Raman, fluorescence, and spin resonance spectroscopies; applications to the study of macromolecules and membranes. Course intended primarily for graduate students.

**Requisites:** Prerequisite, CHEM 430.

**Grading status:** Letter grade.

**BIOC 665. Advanced NMR Spectroscopy Course. 1 Credit.**

Advanced NMR Spectroscopy

**Grading status:** Pass/Fail.

**BIOC 666. X Ray Crystallography of Macromolecules. 1 Credit.**

Principles of protein crystallography, characterization of crystals, theory of diffraction, phasing of macromolecular crystals and structure refinement. Course intended primarily for graduate students.

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOC 667. Macromolecular Crystallographic Methods. 2 Credits.**

A combined lecture/laboratory workshop for serious students of protein crystallography. Course intended primarily for graduate students.

**Requisites:** Prerequisite, BIOC 666; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOC 668. Principles of and Simulation of Macromolecular Dynamics. 1 Credit.**

A combined lecture/computer lab treatment of the principles of macromolecular dynamics and structure as approached using the tools of molecular dynamics simulations. Course intended primarily for graduate students.

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOC 670. Biomolecular Informatics. 1 Credit.**

A combined lecture/computer lab course introducing the methods and principles of biological data management as this relates to macromolecular sequence analysis. Course intended primarily for graduate students.

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOC 671. Summer Research in Biophysics. 3 Credits.**

This class is a 10-week summer course in biophysics.

**Grading status:** Letter grade.

**BIOC 673. Proteomics, Protein Identification and Characterization by Mass Spectrometry. 1 Credit.**

A lecture module that introduces students to mass spectrometry-based proteomics in new biology discovery and precision medicine. Course intended primarily for graduate students.

**Requisites:** Prerequisites, BIOC 650, 651, and 652, or one semester of physical chemistry; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOC 674. Ion Channels Transporters. 1 Credit.**

Ion Channels Transporters

**Grading status:** Pass/Fail.

**BIOC 678. Electrical Signals from Macromolecular Assemblages. 2 Credits.**

An intensive, six-hour per week introduction to the fundamentals of ion channel biophysics, including laboratory sessions to demonstrate principles and methods. Course intended primarily for graduate students.

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.



# DEPARTMENT OF BIOLOGY

## Contact Information

### Department of Biology

Visit Program Website (<http://bio.unc.edu>)

Coker Hall, 120 South Road, CB# 3280

(919) 962-3390

### Victoria L. Bautch, Chair

### Gidi Shemer, Departmental Advisor, Abbey Fellow

bishemer@email.unc.edu

### William M. Kier, Interim Director of Undergraduate Studies (2017-2018)

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### Alain Laederach, Biology Study Abroad

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### Mara Evans, Career Advising

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### Summer Montgomery, Assistant for Undergraduate Services

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## Introduction

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem. The major in biology provides a broad education directed toward an appreciation of the complexity of nature, and prepares students for careers in the biological, environmental, and medical sciences. The B.S. and B.A. majors in biology prepare students for careers in the health professions (including medical, dental, and veterinary) and in research or teaching in institutions of higher education, government, and private industry. Departmental majors gain a firm foundation in essential areas of biology through the core curriculum and have ample choices for study in various specialized subjects. A quantitative biology track in the B.S. major provides training in interdisciplinary computational approaches to studying biological questions. The department offers many opportunities for mentored undergraduate research and internships.

## Advising

The biology department offers intensive advising services for our undergraduate students. The departmental advisor, Dr. Gidi Shemer (bishemer@email.unc.edu) (213A Coker Hall), will be happy to assist with course planning, career development, finding research opportunities, and any other question or concern with regards to the major. Biology majors interested in study abroad should contact Dr. Elaine Yeh (yeh@email.unc.edu) to learn about opportunities and transfer credits. For general assistance with registration in courses and various forms, please contact the biology undergraduate student services registrar, Ms. Summer Montgomery (sundance@unc.edu) in 213 Coker Hall.

## Facilities

The Department of Biology occupies parts of four buildings: Wilson Hall and its annex, Coker Hall, Fordham Hall, and the Genome Sciences Building. The department is served by the Kenan Science Library, located in Venable Hall and Wilson Annex, which provides research information services and resources for the basic sciences. In addition, the department

has greenhouses on the fifth floor of the Genome Sciences Building, a microscopy facility that contains three confocal microscopes and associated support facilities, a P3 laboratory, a small-mammal facility, insect culturing rooms, marine aquaria, and a microarray facility.

## Graduate School and Career Opportunities

Those who plan careers in health sciences, including dentistry, medicine, and veterinary medicine, should consult with advisors in the Health Professions Advising Office in Hanes Hall. Those interested in science teaching can take the educational coursework required for a high school science teaching license through the UNC Baccalaureate Education in Science and Teaching (UNC-BEST (<http://www.unc.edu/uncbest>)) program. Special courses in marine science are offered through the Department of Biology and the Department of Marine Sciences at the Institute of Marine Sciences, Morehead City, NC.

### Majors

- Biology Major, B.S. (p. 290)
- Biology Major, B.S.–Quantitative Biology Track (p. 294)
- Biology Major, B.A. (p. 298)

### Minor

- Biology Minor (p. 301)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)

## Professors

Shawn Ahmed, Albert S. Baldwin Jr., Victoria L. Bautch, Kerry S. Bloom, John F. Bruno, Christina L. Burch, Frank L. Conlon, Gregory P. Copenhaver, Jeffrey L. Dangl, Robert J. Duronio, Carol L. Folt, Patricia G. Gensel, Robert P. Goldstein, Albert K. Harris, Alan M. Jones, Corbin D. Jones, Joseph J. Kieber, William M. Kier, Joel G. Kingsolver, Kenneth J. Lohmann, A. Gregory Matera, Steven W. Matson, Ann G. Matthyse, Laura A. Miller, Charles E. Mitchell, Robert K. Peet, Mark A. Peifer, Charles H. Peterson, David W. Pfennig, Karin S. Pfennig, Jeff J. Sekelsky, Maria R. Servedio, Darrel W. Stafford, Peter S. White.

## Associate Professors

Sabrina E. Burmeister, Joel Fodrie, Terrence S. Furey, Allen H. Hurlbert, Alain Laederach, Amy Gladfelder, Tyson L. Hedrick, Toshihide Hige, Jason W. Reed, Stephen L. Rogers, Lillie L. Searles, Kevin C. Slep, Keith W. Sockman, Scott E. Williams, Todd J. Vision.

## Assistant Professors

Jill Downen, Joel Fodrie, Amy S. Maddox, Paul S. Maddox, Christopher Martin, Daniel R. Matute, Daniel J. McKay, Zachary Nimchuk, Elizabeth A. Shank, Celia Shiau, Brian Taylor, Caroline Tucker.

## Teaching Associate Professor

Jennifer S. Coble, Kelly A. Hogan, Corey S. Johnson, Gidi Shemer.

## Teaching Assistant Professor

Mara Evans, Catherine M.F. Lohmann, Blaire Steinwand, James Umbanhowar.

## Affiliated Faculty

James Costa, Stephen T. Crews, Sarah R. Grant, William F. Marzluff, Punita Nagpal, Edward D. Salmon, Barbara D. Stegenga, Bryan Stuart, James A. Umbanhowar, Damon Waitt, Alan S. Weakley, Christopher S. Willett, Scott Williams, Elaine Y. Yeh.

## Professors Emeriti

Edward G. Barry, Aristotle Domnas, J. Alan Feduccia, Max H. Hommersand, Gustavo P. Maroni, Donald W. Misch, Helmut C. Mueller, Clifford R. Parks, Patricia J. Pukila, Tom K. Scott, Alan E. Stiven, R. Haven Wiley.

## Course List and Description

Stated prerequisites are understood to mean “or equivalent” and may be waived by the course instructor for students who are adequately prepared. BIOL 101/BIOL 101L is the prerequisite for most advanced work in biology. Entering first-year students may earn By-Examination (BE) credit for BIOL 101/BIOL 101L by either

1. scoring 3 or higher on the Biology Advanced Placement examination or
2. taking and passing the Department of Biology placement test offered several times during the year.

Sophomores, juniors, and seniors can earn only placement credit (PL, 0 hours) for passing the departmental examination. Additional information is available on the department Web site (<http://bio.unc.edu/undergraduate/biology-101-placement-exam>).

Course numbers in the Department of Biology have been assigned according to the following principles:

### First Digit

- Under 100: first-year seminars
- 100 to 199: first-year courses
- 200 to 299: second-year courses
- 300 to 399: advanced undergraduates only
- 400 to 599: courses for advanced undergraduates and graduate students
- 600 to 699: courses for graduate students that are open to exceptionally well-prepared undergraduates
- 700 and above: courses for graduate students only

### Second Digit

- 0–1 general topics courses
- 2 genetics and molecular genetics
- 3 molecular biology and biochemistry
- 4 cell and developmental biology
- 5 organismal and ecological courses
- 6 ecology courses
- 7 courses that fulfill the organismal biology requirement
- 8 special courses
- 9 special topics and research

## BIOL–Biology

### Undergraduate-level Courses

**BIOL 53. First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome. 3 Credits.**

Restricted to first-year students. Introduction, in a first-year seminar, to recent advances in genetics and cell biology, and discussion and debate concerning how these advances are changing medicine, agriculture, and other aspects of our lives.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 55. First-Year Seminar: The Roots and Flowering of Civilization: A Seminar on Plants and People. 3 Credits.**

Restricted to first-year students. The focus of this first-year seminar will be on the transition from hunter-gatherer, the interchange of crops, medicinal and psychoactive plants, and organic vs. industrial farming methods.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 57. First-Year Seminar: Detecting the Future: Human Diseases and Genetic Tests. 3 Credits.**

Restricted to first-year students. A first-year seminar focusing on the future of human diseases and genetic tests.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 61. First-Year Seminar: Sea Turtles: A Case Study in the Biology of Conservation. 3 Credits.**

Restricted to first-year students. An examination of the biology and conservation of sea turtles, with an emphasis on how current scientific research informs conservation practices.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 62. First-Year Seminar: Mountains Beyond Mountains: Infectious Disease in the Developing World. 3 Credits.**

Restricted to first-year students. In this course we will examine the challenges of treating infectious disease in the developing world, and explore the root causes of global health care inequity.

**Gen Ed:** PL, GL.

**Grading status:** Letter grade.

**BIOL 65. First-Year Seminar: Pneumonia. 3 Credits.**

Restricted to first-year students. Pneumonia will be a lens to examine a thread of history of biology and medicine. Current research to understand the condition, discover treatment and enact prevention options will be examined.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 81. First-Year Seminar: Intuition, Initiative and Industry: Biologists as Entrepreneurs. 3 Credits.**

Successful biologists are necessarily entrepreneurs. This course will explore the parallels between biology and entrepreneurship. We follow these steps: generating ideas, marketing those ideas, testing them, and producing a product.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**BIOL 89. First Year Seminar: Special Topics. 3 Credits.**

Restricted to first-year students. This is a special topics course; content will vary.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**BIOL 101. Principles of Biology. 3 Credits.**

Open to all undergraduates. This course is the prerequisite to most higher courses in biology. An introduction to the fundamental principles of biology, including cell structure, chemistry, and function; genetics; evolution; adaptation; and ecology. (See department concerning Advanced Placement credit.) Three lecture hours a week.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 101L. Introductory Biology Laboratory. 1 Credit.**

An examination of the fundamental concepts in biology with emphasis on scientific inquiry. Biological systems will be analyzed through experimentation, dissection, and observation. Three laboratory hours a week. Students may not receive credit for both BIOL 101L and BIOL 102L.

**Requisites:** Pre- or corequisite, BIOL 101.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**BIOL 101H. Principles of Biology. 3 Credits.**

Open to all undergraduates. This course is the prerequisite to most higher courses in biology. An introduction to the fundamental principles of biology, including cell structure, chemistry, and function; genetics; evolution; adaptation; and ecology. (See department concerning Advanced Placement credit.) Three lecture hours a week.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 102L. Introductory Biology Laboratory with Research. 1 Credit.**

This Course-based Undergraduate Research Experience (CURE) lab introduces students to the process of science through collaboration on a research project, learning relevant techniques and scientific skills, and presenting research results. Three laboratory hours a week. This lab can be taken in place of BIOL 101L. Students may not receive credit for both BIOL 101L and BIOL 102L.

**Requisites:** Pre- or corequisite, BIOL 101.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**BIOL 113. Issues in Modern Biology. 3 Credits.**

For students not majoring in biology. Students who have taken any other course in the Department of Biology may not register for this course. Recent advances in the understanding of major principles in biology. Emphasis on genetics and medicine. Does not count as a course in the major. Three lecture hours a week.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 159. Prehistoric Life. 3 Credits.**

Fossils and the origin and evolution of life, including micro- and macroevolution, mass extinctions, the evolution of dinosaurs and humans, and scientific perspectives on multicultural creationism.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 159.

**BIOL 190. Special Topics in Biology at an Introductory Level. 3 Credits.**

Special topics in biology at an introductory level. This course does not count as a course in the biology major.

**Grading status:** Letter grade.

**BIOL 190L. Laboratory in Special Topics in Biology at an Introductory Level. 1 Credit.**

Laboratory in special topics in biology at an introductory level. This course does not count as a course in the biology major.

**Grading status:** Letter grade.

**BIOL 195. Introduction to Research. 1 Credit.**

The research work must involve at least four hours per week of mentored research in a campus research laboratory. Does not count as a course in the major.

**Repeat rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**BIOL 201. Ecology and Evolution. 4 Credits.**

Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101 or 102; A grade of C or better in BIOL 101 and CHEM 101 or 102 required.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**BIOL 201H. Ecology and Evolution. 4 Credits.**

Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101 or 102; A grade of C or better in BIOL 101 and CHEM 101 or 102 required.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**BIOL 202. Molecular Biology and Genetics. 4 Credits.**

Structure and function of nucleic acids, principles of inheritance, gene expression, and genetic engineering. Three lecture hours and one recitation-demonstration-conference hour a week.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101 or 102; A grade of C or better in BIOL 101 and CHEM 101 or 102 is required.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 202H. Molecular Biology and Genetics. 4 Credits.**

Structure and function of nucleic acids, principles of inheritance, gene expression, and genetic engineering. Three lecture hours and one recitation-demonstration-conference hour a week.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101 or 102; A grade of C or better in BIOL 101 and CHEM 101 or 102 is required.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 205. Cellular and Developmental Biology. 4 Credits.**

Fundamentals of cell structure and activity in relation to special functions, metabolism, reproduction, embryogenesis, and with an introduction to the experimental analysis of cell physiology and development. Three lectures and one recitation-demonstration-conference hour a week.

**Requisites:** Prerequisite, BIOL 202; a grade of C- or better in BIOL 202 is required.

**Grading status:** Letter grade.

**BIOL 205H. Cellular and Developmental Biology. 4 Credits.**

Fundamentals of cell structure and activity in relation to special functions, metabolism, reproduction, embryogenesis, and with an introduction to the experimental analysis of cell physiology and development. Three lectures and one recitation-demonstration-conference hour a week.

**Requisites:** Prerequisite, BIOL 202.

**Grading status:** Letter grade.

**BIOL 211. Introduction to Research in Biology. 3 Credits.**

Seminar based on current investigations at UNC. Students examine sources of scientific information, explore the logic of investigation, and develop proposals. Students with BIOL 211 credit may take a maximum of three hours of BIOL 395.

**Requisites:** Prerequisite, BIOL 201 or 202; permission of the instructor for students lacking the prerequisite; Not open to seniors.

**Grading status:** Letter grade.

**BIOL 213. Evolution and Life. 3 Credits.**

For students not majoring in biology. Introduction to the scientific study of biological evolution and its applications. The mechanisms that cause evolution and general patterns of evolution during the history of life. Does not count as a course in the major.

**Requisites:** Prerequisite, BIOL 101; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 214H. Mathematics of Evolutionary Processes. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) class teaches students how scientists use mathematics to approach questions in evolutionary biology and ecology. Students learn both biological and mathematical concepts, taught using an array of pedagogical approaches. There are two group projects over the course of the semester, one involving the development of an original mathematical model.

**Requisites:** Prerequisites, BIOL 101 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 214. Mathematics of Evolutionary Processes. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) class teaches students how scientists use mathematics to approach questions in evolutionary biology and ecology. Students learn both biological and mathematical concepts, taught using an array of pedagogical approaches. There are two group projects over the course of the semester, one involving the development of an original mathematical model.

**Requisites:** Prerequisites, BIOL 101 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 217. The Physician's Garden. 3 Credits.**

First-year transfer students only. This course combines human cell biology and classical botany elaborating the mode of action of plant metabolites in humans. Hands-on experience includes visits to a pharmaceutical company, a botanical garden, and maintaining the campus medicinal garden.

**Requisites:** Prerequisite, BIOL 101.

**Grading status:** Letter grade.

**BIOL 221. Seafood Forensics. 3 Credits.**

In this Course-based Undergraduate Research Experience (CURE) class, students will use forensic sciences (primarily DNA barcoding technology) to quantify seafood mislabeling. Students will learn the importance of food labeling as well as its impact on marine ecosystems and human health.

**Requisites:** Prerequisite, BIOL 101; corequisite, BIOL 221L; permission of the instructor for students lacking the requisites.

**Grading status:** Letter grade.

**BIOL 221L. Seafood Forensics Laboratory. 1 Credit.**

In this Course-based Undergraduate Research (CURE) lab, students will use forensic sciences (primarily DNA barcoding technology) to quantify seafood mislabeling. Students will perform experiments based on hypotheses formulated in the co-requisite lecture course.

**Requisites:** Prerequisite, BIOL 101; corequisite, BIOL 221; permission of the instructor for students lacking the requisites.

**Grading status:** Letter grade.

**BIOL 224H. The Mathematics of Life. 3 Credits.**

An accessible treatment of classic mathematical applications to molecules, cells, development, genetics, ecology, and evolution, complementing the material taught in BIOL 201, 202, and 205. Three lecture hours a week.

**Requisites:** prerequisite, MATH 231; Permission of the instructor for students lacking the prerequisite. Co-requisite, BIOL 224L;

**Grading status:** Letter grade.

**BIOL 224L. The Mathematics of Life Laboratory. 1 Credit.**

An accessible treatment of classic mathematical applications to molecules, cells, development, genetics, ecology, and evolution, complementing the material taught in BIOL 201, 202, and 205. This lab component is programming-based.

**Requisites:** prerequisite, MATH 231; Permission of the instructor for students lacking the prerequisite. Co-requisite, BIOL 224H;

**Grading status:** Letter grade.

**BIOL 226. Mathematical Methods for Quantitative Biology. 3 Credits.**

Introduction to quantitative biology with emphasis on applications that use mathematical modeling, linear algebra, differential equations, and computer programming. Applications may include neural networks, biomechanics, dispersion, and systems of biochemical reactions. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 201 or 202, and MATH 232 or 283.

Corequisite, BIOL 226L.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**BIOL 226L. Mathematical Methods for Quantitative Biology Laboratory. 1 Credit.**

Introduction to quantitative biology with emphasis on applications that use mathematical modeling, linear algebra, differential equations, and computer programming. Applications may include neural networks, biomechanics, dispersion, and systems of biochemical reactions. Three laboratory hours a week.

**Requisites:** Prerequisites, BIOL 201 or 202, and MATH 232 or 283.

Corequisite, BIOL 226.

**Grading status:** Letter grade.

**BIOL 251. Introduction to Human Anatomy and Physiology. 3 Credits.**

This course relates the way in which the human body is constructed to the way in which it functions and is controlled. Students may not receive credit for both BIOL 251 and BIOL 252. Only offered through Continuing Studies.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 251L. Human Physiology Virtual Laboratory. 1 Credit.**

permission of the instructor for students lacking the prerequisite. This is a course of simulated laboratory measurements exercises using typical data derived from actual physiological measurements on human subjects. Only offered through continuing education. Students may not receive credit for both BIOL 251L and BIOL 252.

**Requisites:** Pre- or corequisite, BIOL 251;

**Grading status:** Letter grade.

**BIOL 252. Fundamentals of Human Anatomy and Physiology. 3 Credits.**

One biology course over 200 recommended. An introductory but comprehensive course emphasizing the relationship between form and function of the body's organ systems. Three lecture hours each week. Students may not receive credit for BIOL 252 and BIOL 251 or BIOL 251L or BIOL 352 or BIOL 353.

**Requisites:** Prerequisite, BIOL 101. Corequisite, BIOL 252L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 252L. Fundamentals of Human Anatomy and Physiology Laboratory. 1 Credit.**

Permission of the instructor for students lacking the pre- or corequisite. Organ level human structure and function. Three laboratory hours a week.

**Requisites:** Prerequisite, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 252.

**Grading status:** Letter grade.

**BIOL 253L. Advanced Human Anatomy and Physiology Laboratory. 1 Credit.**

In-depth study of physiological mechanisms by hands-on experimentation. Students gain experience in collecting, analyzing, and presenting human physiological data.

**Requisites:** Prerequisites, BIOL 252 and 252L; corequisite, BIOL 253.

**Grading status:** Letter grade.

**BIOL 253. Advanced Human Anatomy and Physiology. 3 Credits.**

In-depth study of physiological mechanisms at molecular, cellular, and system levels of organization. Students will develop analytical and problem solving skills. Intended for preprofessional students requiring a second semester of anatomy and physiology. Can be used as an allied science elective but not a biology course for the major.

**Requisites:** Prerequisites, BIOL 252 and 252L; corequisite, BIOL 253L.

**Grading status:** Letter grade.

**BIOL 255. The Evolution of Extraordinary Adaptations. 3 Credits.**

In this Course-based Undergraduate Research (CURE) class, students will learn how to do science. This includes formulating a question, collecting data, and statistical analysis, to presenting research results. Students will test new hypotheses in ecology and evolution for spectacular adaptations in the Venus flytrap and the scale-eating pupfish using field and laboratory experiments and observations.

**Requisites:** Prerequisite, BIOL 101 and 101L; corequisite, BIOL 255L; a grade of B or better in BIOL 101 is required.

**Grading status:** Letter grade.

**BIOL 255L. The Evolution of Extraordinary Adaptations Laboratory. 1 Credit.**

In this Course-based Undergraduate Research Experience (CURE) lab, students will learn how to do science. This includes formulating a question, collecting data, and statistical analysis, to presenting research results. Students will test new hypotheses in ecology and evolution for spectacular adaptations in the Venus flytrap and the scale-eating pupfish using field and laboratory experiments and observations.

**Requisites:** Prerequisite, BIOL 101 and 101L; corequisite, BIOL 255.

**Grading status:** Letter grade.

**BIOL 256. Mountain Biodiversity. 4 Credits.**

Introduction to the new field of biodiversity studies, which integrates approaches from systematics, ecology, evolution, and conservation.

**Grading status:** Letter grade

**Same as:** ENEC 256.

**BIOL 271. Plant Biology. 3 Credits.**

Designed for students with an interest in natural sciences. An introduction to the principles of botany including structure, function, reproduction, heredity, environmental relationships, evolution and classification of plants. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 271L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 271L. Plant Biology Laboratory. 1 Credit.**

Designed for students with an interest in natural sciences. An introduction to the principles of botany including structure, function, reproduction, heredity, environmental relationships, evolution and classification of plants. Three laboratory hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 271.

**Grading status:** Letter grade.

**BIOL 272. Local Flora. 4 Credits.**

Open to all undergraduates. North Carolina's flora: recognition, identification, classification, evolution, history, economics, plant families, ecology, and conservation. Three lecture and three laboratory hours per week.

**Requisites:** Prerequisites, BIOL 101 and 101L.

**Gen Ed:** PX.

**Grading status:** Letter grade

**Same as:** ENEC 272.

**BIOL 273. Horticulture. 4 Credits.**

The cultivation, propagation and breeding of plants, with emphasis on ornamentals. Control of environmental factors for optimal plant growth. Laboratory exercises include plant culture, propagation, pruning, and identification of common ornamentals. Two lecture, one recitation, and three laboratory hours a week.

**Requisites:** Prerequisite, BIOL 101.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 274. Plant Diversity. 3 Credits.**

Survey of major groups of plants emphasizing interrelationships and comparative morphology. Culturing techniques and field work included. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 274L.

**Gen Ed:** PX, EE- Field Work.

**Grading status:** Letter grade.



**BIOL 274L. Plant Diversity Laboratory. 1 Credit.**

Survey of major groups of plants emphasizing interrelationships and comparative morphology. Culturing techniques and field work included. Three laboratory hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 274.

**Grading status:** Letter grade.

**BIOL 277. Vertebrate Field Zoology. 3 Credits.**

Introduction to the diversity, ecology, behavior, and conservation of living vertebrates. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 277L. Vertebrate Field Zoology Laboratory. 1 Credit.**

Permission of the instructor for students lacking the corequisite. Study of the diversity of vertebrates in the field. Three laboratory and field hours a week, including one or two weekend trips.

**Requisites:** Corequisite, BIOL 277.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**BIOL 278. Animal Behavior. 3 Credits.**

Introduction to animal behavior with emphases on the diversity and adaptation of behavior in natural conditions. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**BIOL 278L. Animal Behavior Laboratory. 1 Credit.**

Techniques of observation and experiments in animal behavior. Three laboratory hours a week.

**Requisites:** Pre- or corequisite, BIOL 278.

**Grading status:** Letter grade.

**BIOL 279. Seminar in Organismal Biology. 2-3 Credits.**

Permission of the instructor. An undergraduate course devoted to consideration of pertinent aspects of a selected organismal biological discipline.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 279L. Topics in Organismal Biology Laboratory. 1-2 Credits.**

Permission of the instructor. An undergraduate laboratory course covering aspects of a specific organismal biological discipline. Laboratory reports will be required. Research work is not included in this course.

**Grading status:** Letter grade.

**BIOL 290. Special Topics in Biology. 1-3 Credits.**

Permission of the instructor. An undergraduate seminar course devoted to consideration of pertinent aspects of a selected biological discipline.

**Gen Ed:** PL.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BIOL 290L. Special Topics in Biology Laboratory. 1-2 Credits.**

Permission of the instructor. An undergraduate laboratory course covering aspects of a specific biological discipline. Laboratory reports will be required. Research work is not included in this course.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 3 total completions.

**Grading status:** Letter grade.

**BIOL 290H. Special Topics in Biology. 1-3 Credits.**

Permission of the instructor. An undergraduate seminar course devoted to consideration of pertinent aspects of a selected biological discipline.

**Gen Ed:** PL.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BIOL 291. Teaching Apprentice in Biology. 1 Credit.**

Permission required. 3.0 or higher in course taught. Experience includes preparations, demonstrations, assistance, and attendance at weekly meetings. Apprentices will not be involved in any aspects of grading. May be repeated for credit.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**BIOL 292. Teaching Assistant in Biology. 2 Credits.**

Permission required. 3.0 in course taught. Experience includes weekly meetings, preparations, demonstrations, instruction, and grading. May be repeated for credit. Six hours per week.

**Repeat rules:** May be repeated for credit. 6 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**BIOL 293. Undergraduate Internship in Biology. 3 Credits.**

Permission of the instructor. Biology majors only. The sponsored, off-campus work must involve at least 135 hours. Does not count as a course in the major.

**Requisites:** Prerequisite, BIOL 201 or 202.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**BIOL 294. Service Learning in Biology: APPLES. 1-2 Credits.**

Permission of the instructor. APPLES service-learning component for students enrolled in biology courses. Does not count as a course in the major.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**BIOL 294H. Service Learning in Biology: APPLES. 1-2 Credits.**

Permission of the instructor. APPLES service-learning component for students enrolled in biology courses. Does not count as a course in the major.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**BIOL 296. Directed Readings in Biology. 1-3 Credits.**

Permission of the instructor. Extensive and intensive reading of the literature of a specific biological field directly supervised by a member of the biology faculty. Written reports on the readings, or a literature review paper will be required. Cannot be used as a course toward the major.

**Grading status:** Letter grade.

**BIOL 296H. Directed Readings in Biology. 1-3 Credits.**

Permission of the instructor. Extensive and intensive reading of the literature of a specific biological field directly supervised by a member of the biology faculty. Written reports on the readings, or a literature review paper will be required. Cannot be used as a course toward the major.

**Grading status:** Letter grade.

**BIOL 350. Oceanography. 3 Credits.**

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. Students may not receive credit for both MASC 101 and MASC 401.

**Grading status:** Letter grade

**Same as:** MASC 401, ENVR 417, GEOL 403.

**BIOL 395. Undergraduate Research in Biology. 1-3 Credits.**

Permission of the instructor. Majors only. Hands-on research in the laboratory and/or field involving the study of biology. Requires written paper (first semester) or research poster (second semester). Up to five total hours counts as a lecture course. Six total hours counts as a biology elective with laboratory.

**Requisites:** Prerequisite, BIOL 201 or 202.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 3 total completions.

**Grading status:** Letter grade.

**BIOL 395H. Undergraduate Research in Biology. 1-3 Credits.**

Permission of the instructor. Majors only. Hands-on research in the laboratory and/or field involving the study of biology. Requires written paper (first semester) or research poster (second semester). Up to five total hours counts as a lecture course. Six total hours counts as a biology elective with laboratory.

**Requisites:** Prerequisite, BIOL 201 or 202.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****BIOL 402. Infectious Disease in the Developing World. 3 Credits.**

We will explore the challenges of infectious disease in the developing world, focusing on tuberculosis, HIV, and malaria. We will also examine the economics of different approaches to health care.

**Requisites:** Prerequisites, BIOL 202 and 205.

**Grading status:** Letter grade.

**BIOL 409L. Art and Science: Merging Printmaking and Biology. 1 Credit.**

Permission of the instructor. This is the lab component of ARTS 409 that brings together art majors and science majors to combine theory and practical learning in a biology laboratory, which focusing primarily on microscopic life and biological motion, with printmaking. Does not count as an elective towards the biology major.

**Requisites:** Prerequisite, BIOL 201, BIOL 202, or a 200-level ARTS course; corequisite, ARTS 409.

**Grading status:** Letter grade.

**BIOL 410. Principles and Methods of Teaching Biology. 4 Credits.**

This Makerspace designed course will develop the knowledge and skills teachers need to implement inquiry-based biology instruction: rich, conceptual knowledge of biology and mastery of inquiry-based teaching methods. Does not count as a laboratory course.

**Requisites:** Prerequisites, two of the three biology core courses: BIOL 201, 202, and/or 205.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**BIOL 421L. Microbiology Laboratory with Research. 2 Credits.**

Sterile technique, bacterial growth, physiology, genetics and diversity, and bacteriophage. Research in bacterial genetics.

**Requisites:** Pre- or corequisite, BIOL 422.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**BIOL 422. Microbiology. 3 Credits.**

Bacterial form, growth, physiology, genetics, and diversity. Bacterial interactions including symbiosis and pathogenesis (animal and plant). Use of bacteria in biotechnology. Brief introduction to viruses.

**Requisites:** Prerequisite, BIOL 202; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 422L. Microbiology Laboratory. 1-2 Credits.**

Sterile technique, bacterial growth and physiology, bacterial genetics, bacteriophage, and bacterial diversity.

**Requisites:** Pre- or corequisite, BIOL 422.

**Grading status:** Letter grade.

**BIOL 423. Genetics Experiments. 3 Credits.**

This is a Course-based Undergraduate Research Experience (CURE) combination course/lab. Using genetics and genome biology, students will study DNA repair and chromosome stability using yeast as a model system in a cutting edge research laboratory.

**Requisites:** Prerequisite, BIOL 202; corequisite, BIOL 423L.

**Grading status:** Letter grade.

**BIOL 423L. Genetics Experiments Laboratory. 1 Credit.**

This is a Course-based Undergraduate Research Experience (CURE) combination course/lab. Using genetics and genome biology, students will study DNA repair and chromosome stability using yeast as a model system in a cutting edge research laboratory.

**Requisites:** Prerequisite, BIOL 202; corequisite BIOL 423.

**Grading status:** Letter grade.

**BIOL 424. Microbial Ecology. 3 Credits.**

Class emphasizes the creativity of the scientific process, using primary scientific literature as a framework to discuss topics in microbial ecology, including microbial diversity, distributions, genomics, and co-evolution; host-microbe and microbe-microbe interactions; nutrient cycling; and degradation of plant matter and biofuels.

**Requisites:** Prerequisites, BIOL 201 and 202; instructor permission for students lacking prerequisites.

**Grading status:** Letter grade.

**BIOL 425. Human Genetics. 3 Credits.**

Pedigree analysis, inheritance of complex traits, DNA damage and repair, human genome organization, DNA fingerprinting, the genes of hereditary diseases, chromosomal aberrations, cancer and oncogenes, immunogenetics and tissue transplants. Three lecture hours a week.

**Requisites:** Prerequisite, BIOL 202; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 426. Biology of Blood Diseases. 3 Credits.**

An introduction to the biology and pathophysiology of blood and the molecular mechanisms of some human diseases: anemias; leukemias; hemorrhagic, thrombotic, and vascular disorders; and HIV disease/AIDS.

**Requisites:** Prerequisite, BIOL 205; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** PATH 426.

**BIOL 426H. Biology of Blood Diseases. 3 Credits.**

An introduction to the biology and pathophysiology of blood and the molecular mechanisms of some human diseases: anemias; leukemias; hemorrhagic, thrombotic, and vascular disorders; and HIV disease/AIDS.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** PATH 426H.

**BIOL 427. Human Diversity and Population Genetics. 3 Credits.**

Permission of the instructor for students lacking the prerequisites. This course investigates the facts, methods, and theories behind human population genetics, evolution, and diversity. Specifically, it addresses questions of human origins, population structure, and genetic diversity.

**Requisites:** Pre- or corequisites, BIOL 201 and 202;

**Grading status:** Letter grade.

**BIOL 430. Introduction to Biological Chemistry. 3 Credits.**

The study of cellular processes including catalysts, metabolism, bioenergetics, and biochemical genetics. The structure and function of biological macromolecules involved in these processes is emphasized.

**Requisites:** Prerequisites, BIOL 101, and CHEM 262 or 262H.

**Grading status:** Letter grade

**Same as:** CHEM 430.

**BIOL 430H. Introduction to Biological Chemistry. 3 Credits.**

The study of cellular processes including catalysts, metabolism, bioenergetics, and biochemical genetics. The structure and function of biological macromolecules involved in these processes is emphasized.

**Requisites:** Prerequisites, BIOL 101, and CHEM 262 or 262H.

**Grading status:** Letter grade

**Same as:** CHEM 430H.

**BIOL 431. Biological Physics. 3 Credits.**

How diffusion, entropy, electrostatics, and hydrophobicity generate order and force in biology. Topics include DNA manipulation, intracellular transport, cell division, molecular motors, single molecule biophysics techniques, nerve impulses, neuroscience.

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119.

**Grading status:** Letter grade

**Same as:** PHYS 405, BMME 435.

**BIOL 434. Molecular Biology. 3 Credits.**

Advanced studies in molecular biology from an experimental approach.

**Requisites:** Prerequisites, BIOL 202 and CHEM 261; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 436. Plant Genetics, Development, and Biotechnology. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. Recent advances in plant molecular biology, genetics, development, and biotechnology, and their potential relevance to agriculture. The course will include lectures, reading and discussions of papers from the primary literature, and student presentations.

**Requisites:** Prerequisite, BIOL 271 or 202.

**Grading status:** Letter grade.

**BIOL 439. Introduction to Signal Transduction. 3 Credits.**

This course presents an introduction to signal transduction pathways used by higher eukaryotes. Several signaling paradigms will be discussed to illustrate the ways that cells transmit information. Three lecture hours per week.

**Requisites:** Prerequisites, BIOL 202 and 205; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 441. Vertebrate Embryology. 3 Credits.**

Principles of development with special emphasis on gametogenesis, fertilization, cleavage, germ layer formation, organogenesis, and mechanisms, with experimental analysis of developmental processes. Three lecture hours a week.

**Requisites:** Prerequisite, BIOL 205 or 252; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 441L. Vertebrate Embryology Laboratory. 1 Credit.**

Descriptive and some experimental aspects of vertebrate development. Three laboratory hours a week.

**Requisites:** Pre- or corequisite, BIOL 441.

**Grading status:** Letter grade.

**BIOL 443. Developmental Biology. 3 Credits.**

An experimental approach to an understanding of animals and plants. The approach covers developmental processes, molecular, genetic, cell biological and biochemical techniques, with an emphasis on the molecules involved in development.

**Requisites:** Prerequisites, BIOL 205 and CHEM 261; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 444. Molecular Basis of Disease. 3 Credits.**

This course investigates the biological causes behind human diseases via critical thinking and analysis of experimental research outcomes.

It approaches topics from a research perspective similar to a graduate seminar. Topics covered include genetic/inherited diseases, metabolic diseases, immunological disorders, infectious diseases, cancer, cardiovascular diseases, and neurological diseases.

**Requisites:** Prerequisite, BIOL 205.

**Grading status:** Letter grade.

**BIOL 445. Cancer Biology. 3 Credits.**

Selected examples will be used to illustrate how basic research allows us to understand the mechanistic basis of cancer and how these insights offer hope for new treatments.

**Requisites:** Prerequisites, BIOL 202 and 205.

**Grading status:** Letter grade.

**BIOL 446. Unsolved Problems in Cellular Biology. 3 Credits.**

A survey of areas of current interest in cytology, embryology, and genetics with concentration on problems that remain unsolved but that appear to be near solution. Three lecture and discussion hours a week.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 447. Cell Biology: Beyond Core Basics. 1 Credit.**

Modern methods in cell biology.

**Requisites:** Prerequisite, BIOL 205; co-requisite, BIOL 447L; Required preparation, a grade of C+ or better in BIOL 205.

**Grading status:** Letter grade.

**BIOL 447L. Cell Biology: Beyond Core Basics Laboratory. 3 Credits.**

Modern methods in cell biology lab.

**Requisites:** Prerequisite, BIOL 205; co-requisite, BIOL 447; Required preparation, a grade of C+ or better in BIOL 205.

**Grading status:** Letter grade.

**BIOL 448. Advanced Cell Biology. 3 Credits.**

An advanced course in cell biology, with emphasis on the biochemistry and molecular biology of cell structure and function. Three lecture hours a week.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 449. Introduction to Immunology. 3 Credits.**

This course provides a general overview of the evolution, organization, and function of the immune system. Instruction will be inquiry-based with extensive use of informational and instructional technology tools.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MCRO 449.

**BIOL 450. Introduction to Neurobiology. 3 Credits.**

Recommended preparation, BIOL 205. Survey of neurobiological principles in vertebrates and invertebrates, including development, morphology, physiology, and molecular mechanisms. Three lectures a week.

**Grading status:** Letter grade.

**BIOL 451. Comparative Physiology. 3 Credits.**

An examination of the physiology of animals using a comparative approach. Both invertebrate and vertebrate animals are discussed in order to elucidate general principles.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L, and PHYS 104 or 114 or 116, and PHYS 105 or 115 or 117.

**Grading status:** Letter grade.

**BIOL 451L. Comparative Physiology Laboratory. 1 Credit.**

The fundamental principles of physiology are explored using physical models, animal experiments, and non invasive experiments on humans, reinforcing the understanding of concepts presented in lecture.

**Requisites:** Pre- or corequisite, BIOL 451.

**Grading status:** Letter grade.

**BIOL 452. Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health. 3 Credits.**

Course material covers host-microbe and microbe-microbe interactions found in marine ecosystems, including beneficial and parasitic relationships among viruses, microbes, marine animals, and humans. Limited to upper-level undergraduate science majors and graduate students.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 446.

**BIOL 454. Evolutionary Genetics. 3 Credits.**

The roles of mutation, migration, genetic drift, and natural selection in the evolution of the genotype and phenotype. Basic principles are applied to biological studies. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 201 and 202; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 455. Behavioral Neuroscience. 3 Credits.**

The neurobiological basis of animal behavior at the level of single cells, neural circuits, sensory systems, and organisms. Lecture topics range from principles of cellular neurobiology to ethological field studies.

**Requisites:** Prerequisite, BIOL 205; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 456. Marine Phytoplankton. 3 Credits.**

Permission of the instructor. For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week.

**Grading status:** Letter grade

**Same as:** MASC 444, ENEC 444.

**BIOL 457. Marine Biology. 3 Credits.**

Recommended preparation, BIOL 201 or 475. A survey of plants and animals that live in the sea: characteristics of marine habitats, organisms, and the ecosystems will be emphasized. Marine environment, the organisms involved, and the ecological systems that sustain them.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 442.

**BIOL 458. Sensory Neurobiology and Behavior. 3 Credits.**

Recommended preparation, BIOL 205. An exploration of sensory systems and sensory ecology in animals. Topics range from neurophysiological function of sensory receptors to the role of sensory cues in animal behavior.

**Grading status:** Letter grade.

**BIOL 459. Field Biology at Highlands Biological Station. 1-4 Credits.**

Content varies. Summer field biology at the Highlands Biological Station focuses on the special faunal and floristic processes and patterns characteristic of the southern Appalachian mountains. Five lecture and three to five laboratory and field hours per week, depending on credit.

**Requisites:** Prerequisite, BIOL 101; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading status:** Letter grade.

**BIOL 461. Fundamentals of Ecology. 4 Credits.**

Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.

**Requisites:** Prerequisite, BIOL 201.

**Grading status:** Letter grade

**Same as:** ENEC 461.

**BIOL 462. Marine Ecology. 3 Credits.**

Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.

**Requisites:** Prerequisite, BIOL 201 or 475.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 440.



**BIOL 463. Field Ecology. 4 Credits.**

Application of ecological theory to terrestrial and/or freshwater systems. Lectures emphasize quantitative properties of interacting population and communities within these systems. Required laboratory teaches methodology applicable for analysis of these systems. Projects emphasize experimental testing of ecological theory in the field. Two lecture and six field hours a week.

**Requisites:** Prerequisite, BIOL 201.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**BIOL 464. Global Change Ecology. 3 Credits.**

Responses of plants, animals, and communities to climate and other global changes, emphasizing ecology, physiology, behavior, and evolution. Investigation of past responses and tools for predicting future responses.

**Requisites:** Prerequisite, BIOL 201.

**Grading status:** Letter grade.

**BIOL 465. Global Biodiversity and Macroecology. 3 Credits.**

We will explore global patterns of diversity of plants, animals, fungi, and microbes, and the insights gained by taking a statistical approach to describing these and other broad-scale ecological patterns.

**Requisites:** Prerequisite, BIOL 201; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 469. Behavioral Ecology. 3 Credits.**

BIOL 278 recommended but not required and can be taken concurrently. Behavior as an adaptation to the environment. Evolution of behavioral strategies for survival and reproduction. Optimality and games that animals play. Three lecture hours a week. .

**Requisites:** Prerequisite, BIOL 201.

**Grading status:** Letter grade.

**BIOL 471. Evolutionary Mechanisms. 3 Credits.**

Introduction to mechanisms of evolutionary change, including natural selection, population genetics, life history evolution, speciation, and micro- and macroevolutionary trends. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 201 and 202; Corequisite, BIOL 471L; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 471L. Evolutionary Mechanisms Laboratory. 1 Credit.**

Introduction to mechanisms of evolutionary change, including natural selection, population genetics, life history evolution, speciation, and micro- and macroevolutionary trends. Three laboratory hours a week.

**Requisites:** Prerequisites, BIOL 201 and 202; Corequisite, BIOL 471; Permission of the instructor for students lacking the requisites.

**Grading status:** Letter grade.

**BIOL 472. Introduction to Plant Taxonomy. 4 Credits.**

Introduction to the taxonomy of vascular plants. Principles of classification, identification, nomenclature, and description. Laboratory and field emphasis on phytography, families, description, identification, and classification of vascular plant species. Three lecture and three laboratory hours a week.

**Requisites:** Prerequisites, BIOL 271 and/or 272; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 474. Evolution of Vertebrate Life. 3 Credits.**

Evolutionary history of the vertebrates. Emphasis on anatomical, physiological, behavioral adaptations accompanying major transitions: the move from water to land, the development of complex integrating systems.

**Requisites:** Prerequisite, BIOL 201 or 202; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 474L. Vertebrate Structure and Evolution Laboratory. 1 Credit.**

Vertebrate comparative anatomy of organ systems and their evolution with emphasis on human anatomy. Three laboratory hours a week.

**Requisites:** Pre- or corequisite, BIOL 474.

**Grading status:** Letter grade.

**BIOL 474H. Evolution of Vertebrate Life. 3 Credits.**

Evolutionary history of the vertebrates. Emphasis on anatomical, physiological, behavioral adaptations accompanying major transitions: the move from water to land, the development of complex integrating systems.

**Requisites:** Prerequisite, BIOL 201 or 202; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**BIOL 475. Biology of Marine Animals. 3 Credits.**

Required preparation, one additional course in biology. An introduction to the major animal phyla emphasizing form, function, behavior, ecology, evolution, and classification of marine invertebrates. Three lecture and three laboratory hours per week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; co-requisite, BIOL 475L.

**Grading status:** Letter grade.

**BIOL 475L. Biology of Marine Animals Laboratory. 1 Credit.**

This lab serves as an introduction to the major animal phyla emphasizing form, function, behavior, ecology, evolution, and classification of marine invertebrates.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; co-requisite, BIOL 475.

**Grading status:** Letter grade.

**BIOL 476. Avian Biology. 3 Credits.**

A study of avian evolution, anatomy, physiology, neurobiology, behavior, biogeography, and ecology. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 476L.

**Grading status:** Letter grade.

**BIOL 476L. Avian Biology Laboratory. 1 Credit.**

Techniques for the study of avian evolution, ecology, and behavior with emphasis on North Carolina birds. Three laboratory or field hours a week, including one or two weekend field trips.

**Requisites:** Corequisite, BIOL 476.

**Grading status:** Letter grade.

**BIOL 479. Topics in Organismal Biology at an Advanced Level. 3 Credits.**

Topics in organismal biology at an advanced undergraduate or graduate student level.

**Grading status:** Letter grade.



**BIOL 479L. Laboratory in Organismal Biology: Advanced Topics. 1-2 Credits.**

Laboratory in topics in organismal biology for advanced undergraduates and graduate students.

**Grading status:** Letter grade.

**BIOL 480. Discoveries in Prevention and Cure of Infectious Disease in London. 3 Credits.**

This is a Burch summer honors course taught in London. We will examine three major discoveries relating to infectious disease (vaccination, transmission via water, and antibiotics) and one major epidemic (plague) which led to no scientific response and explore how the thought of the time influenced scientific research.

**Requisites:** Prerequisite, BIOL 202.

**Grading status:** Letter grade.

**BIOL 480H. Discoveries in Prevention and Cure of Infectious Disease in London. 3 Credits.**

This is a Burch summer honors course taught in London. We will examine three major discoveries relating to infectious disease (vaccination, transmission via water, and antibiotics) and one major epidemic (plague) which led to no scientific response and explore how the thought of the time influenced scientific research.

**Requisites:** Prerequisite, BIOL 202.

**Grading status:** Letter grade.

**BIOL 490. Advanced Topics in Biology. 3 Credits.**

Permission of the instructor. Content will vary. Three lecture and discussion hours per week by visiting and resident faculty.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**BIOL 490H. Advanced Topics in Biology. 3 Credits.**

Permission of the instructor. Content will vary. Three lecture and discussion hours per week by visiting and resident faculty.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**BIOL 495. Undergraduate Research in Biology. 1-3 Credits.**

Permission of the instructor. Biology majors only. A continuation of the hands-on research in the laboratory and/or field that was started in BIOL 395. A final written paper is required each term. May be repeated. Does not count as a course in the major. Pass/fail credit only.

**Requisites:** Prerequisite, BIOL 395.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Pass/Fail.

**BIOL 495H. Undergraduate Research in Biology. 1-3 Credits.**

Permission of the instructor. Biology majors only. A continuation of the hands-on research in the laboratory and/or field that was started in BIOL 395. A final written paper is required each term. May be repeated. Does not count as a course in the major. Pass/fail credit only.

**Requisites:** Prerequisite, BIOL 395.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Pass/Fail.

**BIOL 501. Ethical Issues in Life Sciences. 3 Credits.**

Permission of the instructor. A consideration and discussion of ethical issues in life sciences including cloning humans, genetic engineering, stem cell research, organ transplantation, and animal experimentation. Counts as a course numbered below 400 for biology major requirements.

**Grading status:** Letter grade.

**BIOL 514. Evolution and Development. 3 Credits.**

The course examines the mechanisms by which organisms are built and evolve. In particular, it examines how novel and complex traits and organisms arise from interactions among genes and cells.

**Requisites:** Prerequisites, BIOL 201, 202, and 205; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 514H. Evolution and Development. 3 Credits.**

The course examines the mechanisms by which organisms are built and evolve. In particular, it examines how novel and complex traits and organisms arise from interactions among genes and cells.

**Requisites:** Prerequisites, BIOL 201, 202, and 205; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 524. Strategies of Host-Microbe Interactions. 3 Credits.**

There is great variety in how microbes colonize and live with their hosts. The course will summarize strategies of pathogenicity, symbiosis, commensalism and mutualism. Evolutionary, cellular, and molecular aspects will be analyzed.

**Requisites:** Prerequisite, BIOL 205; Permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**BIOL 525. Analysis and Interpretation of Sequence-Based Functional Genomics Experiments. 3 Credits.**

Practical introduction to functional genomics experiments, such as RNA-seq and ChIP-seq, and computational techniques for the analysis of these data derived from high-throughput sequencing. Interpretation of results will be stressed. Basic knowledge of molecular biology, beginning level computational skills, and familiarity with basic statistical concepts are expected. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 202, COMP 110 or 116, and STOR 155; corequisite, BIOL 525L.

**Grading status:** Letter grade.

**BIOL 525L. Analysis and Interpretation of Sequence-Based Functional Genomics Experiments Laboratory. 1 Credit.**

Computer lab will provide students with experience using computational software for analysis of functional genomics experiments. Basic knowledge of molecular biology, beginning level computer skills, and familiarity with basic statistical concepts are expected. One laboratory hour a week.

**Requisites:** Prerequisites, BIOL 202, COMP 110 or 116, and STOR 155; corequisite, BIOL 525.

**Grading status:** Letter grade.

**BIOL 526. Computational Genetics. 4 Credits.**

Introduction to computational principles underlying sequence alignment and phylogenetics, genome assembly and annotation, analysis of gene function, and other bioinformatics applications. Includes a one-hour computer laboratory.

**Requisites:** Prerequisites, BIOL 202, STOR 155, and one of BIOL 226, COMP 110, or COMP 116; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 526H. Computational Genetics. 4 Credits.**

Introduction to computational principles underlying sequence alignment and phylogenetics, genome assembly and annotation, analysis of gene function, and other bioinformatics applications. Includes a one-hour computer laboratory.

**Requisites:** Prerequisites, BIOL 202, STOR 155, and one of BIOL 226, COMP 110, or COMP 116; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 527. Seminar in Quantitative Biology. 3 Credits.**

Seminar in quantitative biology for advanced students. The course counts as a quantitative biology course for the major.

**Requisites:** Prerequisites, COMP 110 or COMP 116, and MATH 232 or MATH 283; Permission of the instructor for students lacking the prerequisites.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**BIOL 527L. Laboratory in Quantitative Biology. 1 Credit.**

Laboratory in quantitative biology for advanced students. The laboratory will involve mathematical analysis and modeling of biological systems and processes.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**BIOL 528. Quantitative Personalized Genomics. 3 Credits.**

Personalized medicine, specifically using genetic markers to improve outcomes and minimize side effects (pharmacogenomics) requires the development and application of advanced computational and quantitative techniques. Students will develop computational skills to address contemporary genomic and statistical problems.

**Requisites:** prerequisites, BIOL 202 and one of COMP 116, COMP 110, BIOL 226/BIOL 226L; permission of the instructor for students lacking the prerequisites. Corequisite, BIOL 528L;

**Grading status:** Letter grade.

**BIOL 528L. Quantitative Personalized Genomics Laboratory. 1 Credit.**

Personalized medicine, specifically using genetic markers to improve outcomes and minimize side effects (pharmacogenomics) requires the development and application of advanced computational and quantitative techniques. Students will develop computational skills to address contemporary genomic and statistical problems in a lab setting.

**Requisites:** prerequisites, BIOL 202 and one of COMP 116, COMP 110, BIOL 226/BIOL 226L; permission of the instructor for students lacking the prerequisites. Corequisite, BIOL 528;

**Grading status:** Letter grade.

**BIOL 529. Clinical and Counseling Aspects of Human Genetics. 3 Credits.**

Topics in clinical genetics including pedigree analysis, counseling/ethical issues, genetic testing, screening, and issues in human research. Taught in a small group format. Active student participation is expected.

**Requisites:** Prerequisite, BIOL 425; Permission of the instructor.

**Grading status:** Letter grade

**Same as:** GNET 635.

**BIOL 532. Recent Discoveries in Molecular Biology. 3 Credits.**

This course examines recent insights into molecular and cellular processes obtained through modern experimental approaches. Extensive reading of primary literature, discussed in a seminar format.

**Requisites:** Prerequisites, BIOL 202, and either BIOL 205 or a 400-level BIOL course; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 534. Mathematical Modeling in the Life Sciences. 3 Credits.**

Requires some knowledge of computer programming. Model validation and numerical simulations using ordinary, partial, stochastic, and delay differential equations. Applications to the life sciences may include muscle physiology, biological fluid dynamics, neurobiology, molecular regulatory networks, and cell biology.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** MATH 564.

**BIOL 535. Molecular Biology Techniques. 4 Credits.**

Permission of the instructor. Recommended preparation, BIOL 434. Experiments with bacterial phage, nucleic acid isolation and properties, recombinant DNA techniques, and DNA sequencing. Additional hours in laboratory will be necessary to complete assignments.

**Grading status:** Letter grade.

**BIOL 537. Biotechnology and Synthetic Biology. 3 Credits.**

Recent advances in biotechnology and synthetic biology, and their potential relevance to medicine, agriculture, and engineering. The course will include lectures, reading and discussions of papers from the primary literature, and student projects and presentations.

**Requisites:** Prerequisite, BIOL 202.

**Grading status:** Letter grade.

**BIOL 542. Light Microscopy for the Biological Sciences. 3 Credits.**

Permission of the instructor. Introduction to various types of light microscopy, digital and video imaging techniques, and their application in biological sciences.

**Requisites:** Prerequisite, BIOL 205 for undergraduates.

**Grading status:** Letter grade.

**BIOL 551. Comparative Biomechanics. 3 Credits.**

Recommended preparation, PHYS 105. The structure and function of organisms in relation to the principles of fluid mechanics and solid mechanics.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L, and PHYS 104 or PHYS 116.

**Grading status:** Letter grade.

**BIOL 552. Behavioral Endocrinology. 3 Credits.**

Undergraduates need permission of the instructor to enroll. The study of the interactions among hormones, the brain, and behavior from how hormones shape the development and expression of behaviors to how behavioral interactions regulate endocrine physiology.

**Grading status:** Letter grade.

**BIOL 553. Mathematical and Computational Models in Biology. 3 Credits.**

This course introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Requisites:** Prerequisites, BIOL 201 and 202, MATH 231, and either MATH 232 or STOR 155; Co-requisite, BIOL 553L/MATH 553L; permission of the instructor for students lacking the requisites.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** MATH 553.

**BIOL 553L. Mathematical and Computational Models in Biology Laboratory. 1 Credit.**

This lab introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Requisites:** Prerequisites, BIOL 201 and 202, MATH 231, and either MATH 232 or STOR 155; Co-requisite, BIOL 553/MATH 553; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** MATH 553L.

**BIOL 555. Paleobotany: An Introduction to the Past History of Plants. 3 Credits.**

An introduction to the fossil record of plants, investigating how plants originated and changed through geological time to produce the modern flora. Both macrofossils and microfossils will be considered. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 202, and one other BIOL course above 200; corequisite, BIOL 555L; permission of the instructor for students lacking the requisites.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade

**Same as:** GEOL 555.

**BIOL 555L. Paleobotany: An Introduction to the Past History of Plants Laboratory. 1 Credit.**

The laboratory involves learning how to locate, collect, prepare, and analyze fossil plants; it also provides fossils that illustrate topics covered in lecture. Students will be involved in field trips to fossil sites and museums to learn about fossil curation and display of fossils for public education. Three laboratory hours a week.

**Requisites:** Prerequisites, BIOL 202 and one other BIOL course above 200; corequisite, BIOL 555.

**Grading status:** Letter grade.

**BIOL 561. Ecological Plant Geography. 3 Credits.**

Description of the major vegetation types of the world including their distribution, structure, and dynamics. The principal causes for the distribution of plant species and communities, such as climate, soils, and history will be discussed.

**Requisites:** Prerequisite, BIOL 101 or GEOG 110; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 562. Statistics for Environmental Scientists. 4 Credits.**

Introduction to the application of quantitative and statistical methods in environmental science, including environmental monitoring, assessment, threshold exceedance, risk assessment, and environmental decision making.

**Requisites:** Prerequisite, STOR 155.

**Grading status:** Letter grade

**Same as:** ENEC 562.

**BIOL 563. Statistical Analysis in Ecology and Evolution. 4 Credits.**

Application of modern statistical analysis and data modeling in ecological and evolutionary research. Emphasis is on computer-intensive methods and model-based approaches. Familiarity with standard parametric statistics is assumed.

**Requisites:** Prerequisites, MATH 231 and STOR 151; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENEC 563.

**BIOL 565. Conservation Biology. 3 Credits.**

The application of biological science to the conservation of populations, communities, and ecosystems, including rare species management, exotic species invasions, management of natural disturbance, research strategies, and preserve design principles.

**Requisites:** Prerequisite, BIOL 201; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 565H. Conservation Biology. 3 Credits.**

The application of biological science to the conservation of populations, communities, and ecosystems, including rare species management, exotic species invasions, management of natural disturbance, research strategies, and preserve design principles.

**Requisites:** Prerequisite, BIOL 201; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 567. Evolutionary Ecology. 3 Credits.**

Advanced consideration of the evolution of form and function. May include issues in life-history evolution, evolutionary physiology, evolutionary morphology, and the evolution of complexity. Three lecture hours per week.

**Requisites:** Prerequisite, BIOL 471; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 568. Disease Ecology and Evolution. 3 Credits.**

Recommended preparation, one course above 400 in ecology or evolution. An advanced class covering the causes and consequences of infectious disease at the levels of whole organisms, populations, communities, and ecosystems.

**Requisites:** Prerequisites, BIOL 201 and MATH 231; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 579. Organismal Structure and Diversity in the Southern Appalachian Mountains. 4 Credits.**

Permission of the instructor. An examination of the field biology of selected fungi, plants, or animals of the Appalachian Mountains. The morphology, taxonomy, ecology, life history, and behavior of the organisms will be explored both in the laboratory and in the field.

**Grading status:** Letter grade.

**BIOL 590. Advanced Special Topics in Biology. 3 Credits.**

Special topics in biology for advanced undergraduate students and graduate students.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**BIOL 590L. Laboratory in Advanced Special Topics in Biology. 1 Credit.**

Laboratory at an advanced level in special topics in biology. Students should have had considerable previous laboratory experience.

**Repeat rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading status:** Letter grade.

**BIOL 602. Professional Development Skills for Ecologists and Biologists. 3 Credits.**

The goal of this course is to help students who intend to become professional ecologists or biologists acquire critical skills and strategies needed for achieving their career goals.

**Grading status:** Letter grade

**Same as:** ENEC 602.

**BIOL 604. Laboratory Practices for New Investigators. 1 Credit.**

Required preparation, participation in an ongoing laboratory research project. Permission of the instructor. A seminar course designed to introduce students to approaches and methods needed in carrying out an independent research project in a particular focus area of biology. For advanced undergraduates and graduate students.

**Repeat rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading status:** Letter grade.

**BIOL 605. Reading and Writing Scientific Literature. 1 Credit.**

A seminar course designed to introduce students to how to read and write scientific papers. For advanced undergraduates and graduate students.

**Requisites:** Prerequisite, BIOL 201 or 202.

**Repeat rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading status:** Letter grade.

**BIOL 620. Bacterial Genetics with Emphasis on Pathogenic and Symbiotic Interactions. 3 Credits.**

Required preparation, a course in microbiology, a course in molecular biology numbered above 300, or research experience in microbiology or molecular biology. Molecular genetics of bacteria. The emphasis will be on pathogenic and symbiotic interactions of bacteria with eukaryotes, although other aspects of bacterial genetics will be considered.

**Grading status:** Letter grade.

**BIOL 621. Principles of Genetic Analysis I. 3 Credits.**

Prerequisite for undergraduates, BIOL 202. Permission of the instructor for undergraduates. Genetic principles of genetic analysis in prokaryotes and lower eukaryotes.

**Grading status:** Letter grade

**Same as:** GNET 621.

**BIOL 622. Principles of Genetic Analysis II. 4 Credits.**

Principles of genetic analysis in higher eukaryotes; genomics.

**Requisites:** Prerequisite, BIOL 621.

**Grading status:** Letter grade

**Same as:** GNET 622.

**BIOL 624. Developmental Genetics. 3 Credits.**

Permission of the instructor for undergraduates. Genetic and molecular control of plant and animal development. Extensive reading from primary literature.

**Grading status:** Letter grade

**Same as:** GNET 624.

**BIOL 625. Seminar in Genetics. 2 Credits.**

Permission of the instructor for undergraduates. Current and significant problems in genetics. May be repeated for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 6 total completions.

**Grading status:** Letter grade

**Same as:** GNET 625.

**BIOL 631. Advanced Molecular Biology I. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. DNA structure, function, and interactions in prokaryotic and eukaryotic systems, including chromosome structure, replication, recombination, repair, and genome fluidity. Three lecture hours a week.

**Grading status:** Letter grade

**Same as:** GNET 631, BIOC 631, MCRO 631.

**BIOL 632. Advanced Molecular Biology II. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. The purpose of this course is to provide historical, basic, and current information about the flow and regulation of genetic information from DNA to RNA in a variety of biological systems. Three lecture hours a week.

**Grading status:** Letter grade

**Same as:** GNET 632, BIOC 632, MCRO 632.

**BIOL 639. Seminar in Plant Molecular and Cell Biology. 1 Credit.**

Permission of the instructor. May be repeated for credit. Current and significant problems in plant molecular and cell biology are discussed in a seminar format. Can count as BIOL elective credit in the major if combined with other 600-level courses for a total of three credit hours.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading status:** Letter grade.

**BIOL 642. Advanced Studies of Cell Division. 3 Credits.**

An advanced course in cell and molecular biology integrating genetic, biochemical, and structural aspects of the cell cycle. Principles derived from a variety of biological systems. Extensive reading of classic papers as well as recent literature.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOL 643. Molecular Mechanisms of the Cytoskeleton. 3 Credits.**

This seminar examines the cytoskeletal systems of eukaryotes and prokaryotes via primary literature. Architectures of cytoskeletal components are compared and contrasted along with their regulators, nucleators, and molecular motors.

**Requisites:** Prerequisites, BIOL 205 and CHEM 430; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOL 648. Palynology. 5 Credits.**

Permission of the instructor. A consideration of various aspects of palynology, including the morphology, structure, development, systematics, evolution, preparation techniques, and analysis of living and fossil pollen grains, spores, and other palynomorphs. Two lecture and six laboratory hours a week.

**Grading status:** Letter grade.



**BIOL 649. Seminar in Cell Biology. 2 Credits.**

May be repeated for credit. Can count as BIOL elective credit in the major if combined with other 600-level courses for a total of three credit hours.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 6 total completions.

**Grading status:** Letter grade.

**BIOL 657. Biological Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 504, ENVR 520.

**BIOL 659. Seminar in Evolutionary Biology. 2 Credits.**

Permission of the instructor. Advanced studies in evolutionary biology.

Can count as BIOL elective credit in the major if combined with other 600-level courses for a total of three credit hours.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 6 total completions.

**Grading status:** Letter grade.

**BIOL 661. Plant Ecology. 4 Credits.**

Consideration of terrestrial, vascular plant ecology including environmental physiology, population dynamics, and community structure. Laboratory stresses collection and interpretation of field data. Three lecture and three laboratory hours a week.

**Requisites:** Prerequisite, BIOL 201.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**BIOL 662. Field Plant Geography. 2 Credits.**

Intensive literature and field study of the plant geography and ecology of a selected region. Weekly seminar-style discussion followed by approximately nine days' field experience. May be repeated for credit.

**Requisites:** Prerequisites, BIOL 661 or 561 and permission of the instructor.

**Grading status:** Letter grade.

**BIOL 669. Seminar in Ecology. 1-3 Credits.**

May be repeated for credit.

**Requisites:** Prerequisite, BIOL 201; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading status:** Letter grade

**Same as:** ENEC 669.

**BIOL 680. Advanced Seminar in Recent Biological Research and Methods. 1 Credit.**

Permission of the instructor. The course will cover topics and experimental approaches of current interest. Students will learn intellectual and practical aspects of cutting-edge topics in biology. It will meet for one hour per week, in a lecture and discussion format.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Letter grade.

**BIOL 690. Advanced Special Topics with an Emphasis on Recent Research. 3 Credits.**

Permission of the instructor. Special topics in biology with an emphasis on recent research. For advanced undergraduates and graduate students.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**BIOL 692H. Senior Honors Thesis in Biology. 3 Credits.**

Permission of a faculty research director and three credit hours of BIOL 395 in the same laboratory required. Must be taken in the final semester of senior year. Fall and spring only.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

## Biology Major, B.S.

### Contact Information

**Department of Biology**

Visit Program Website (<http://bio.unc.edu>)

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Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem. This program is designed for students who intend to continue graduate study in biological or health sciences.

## Department Programs

**Majors**

- Biology Major, B.S. (p. 290)
- Biology Major, B.S.—Quantitative Biology Track (p. 294)
- Biology Major, B.A. (p. 298)

**Minor**

- Biology Minor (p. 301)

**Graduate Programs**

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)



- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)

## Student Learning Outcomes

Upon completion of the biology (B.A., B.S.) program, students should be able to:

- Knowledge Base: Demonstrate knowledge of major concepts, theoretical perspectives, empirical findings, and historical trends in the broad field of Biology
- Research Methods: Apply basic research methods in the biological sciences, including research design, data analysis, and data interpretation
- Critical Thinking Skills: Demonstrate the use of critical and creative thinking skills in upper-level biology courses and in their approach to undergraduate research
- Application of Knowledge, Research Methods, and Critical Thinking: Apply knowledge of the field of biology, research skills, and critical thinking skills to undertake a course-based, field, or laboratory research project

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H</sup>	4
<b>Core Requirements</b>		
Core Courses:		
BIOL 201	Ecology and Evolution <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
BIOL 205	Cellular and Developmental Biology <sup>2, H</sup>	4
One organismal structure and diversity course chosen from: <sup>3</sup>		4
BIOL 271 & 271L	Plant Biology and Plant Biology Laboratory	
BIOL 272	Local Flora	
BIOL 273	Horticulture	
BIOL 274 & 274L	Plant Diversity and Plant Diversity Laboratory	
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	
BIOL 278 & 278L	Animal Behavior and Animal Behavior Laboratory	
BIOL 279 & 279L	Seminar in Organismal Biology and Topics in Organismal Biology Laboratory	

BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	
BIOL 472	Introduction to Plant Taxonomy	
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory <sup>H</sup>	
BIOL 475 & 475L	Biology of Marine Animals and Biology of Marine Animals Laboratory	
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	
BIOL 479 & 479L	Topics in Organismal Biology at an Advanced Level and Laboratory in Organismal Biology: Advanced Topics	
BIOL 579	Organismal Structure and Diversity in the Southern Appalachian Mountains	
Four biology electives (each of three or more credits) numbered above 205 (not including BIOL 213, BIOL 253, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 296, BIOL 353, and BIOL 495), at least two of them with a laboratory <sup>3,4</sup>		14
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>5</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>5, H</sup>	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> BioCalculus I	3-4
One of the following:		3-4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	
MATH 283	BioCalculus II	
COMP 110	Introduction to Programming <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
STOR 155	Introduction to Data Models and Inference	
STOR 215	Foundations of Decision Sciences	
One of the following:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
One of the following:		4
PHYS 105	General Physics II	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	

A choice of two additional allied sciences electives selected from the course list below	6
Remaining General Education (p. 27) requirements and enough free electives to accumulate 123 academic hours	51
<b>Total Hours</b>	<b>123</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With a C grade or better in BIOL 101

<sup>2</sup> Minimum C- in BIOL 202 required for enrollment

<sup>3</sup> At least two courses out of the five courses (four electives and one organismal course) must be numbered above 400 (not including BIOL 501 and BIOL 692H).

<sup>4</sup> A total of six hours from BIOL 295 (inactive fall 2017), BIOL 395, and/or BIOL 692H count as a laboratory course requirement. One additional elective may consist of a total of three hours of courses numbered above 600 (not including BIOL 692H).

<sup>5</sup> A grade of C or better in CHEM 101 or CHEM 102 is required for BIOL 201 and BIOL 202.

## Allied Science Electives

All allied science elective courses need to have a minimum of three credit hours.

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	Human Origins	3
ANTH 298	Biological Anthropology Theory and Practice	3
ANTH 315	Human Genetics and Evolution	3
ANTH 317	Evolutionary Perspectives on Human Adaptation and Behavior	3
ANTH 318	Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 415	Laboratory Methods: Zooarchaeology	3
ANTH 416	Bioarchaeology	3
ANTH 470	Medicine and Anthropology	3
ANTH 623	Human Disease Ecology	3
ASTR ---	Any ASTR course above 99	3
BIOL ---	Any BIOL course above 101, except BIOL 213, BIOL 291, BIOL 292, BIOL 294, BIOL 296, and BIOL 495	3
BIOS ---	Any BIOS course	3
BMME 510	Biomaterials	3
CHEM ---	Any CHEM course above 101	3
COMP ---	Any COMP course above 100, except COMP 380	3
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 256	Mountain Biodiversity	4
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4
ENEC 410	Earth Processes in Environmental Systems	4
ENEC 411	Oceanic Processes in Environmental Systems	4
ENEC 415	Environmental Systems Modeling	3
ENEC 471	Human Impacts on Estuarine Ecosystems	4

ENEC 489	Ecological Processes in Environmental Systems	4
EXSS 175	Human Anatomy	3
EXSS 276	Human Physiology	3
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 212	Environmental Conservation and Global Change	3
GEOG 222	Health and Medical Geography	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOL ---	Any GEOL course above 100	3
MASC ---	Any MASC course above 100	3
MATH ---	Any MATH course above 110, except MATH 129P	3
MCRO 251	Introductory Medical Microbiology	4
NUTR 240	Introduction to Human Nutrition	3
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	3
PHYI 292	Introduction to Physiology	5
PHYS ---	Any PHYS course above 99, except PHYS 132	3
PSYC 101	General Psychology	3
PSYC 175	Introduction to Neuroscience	3
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
PSYC 220	Biopsychology <sup>H</sup>	3
PSYC 222	Learning <sup>H</sup>	3
PSYC 225	Sensation and Perception <sup>H</sup>	3
PSYC 230	Cognitive Psychology <sup>H</sup>	3
PSYC 400	Conditioning and Learning	3
PSYC 401	Animal Behavior	3
PSYC 402	Advanced Biopsychology	3
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3
STOR ---	Any STOR course above 151	3
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.S. Majors

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
Language levels 2 and 3		6
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> or BioCalculus I	3-4
Plus a second course in mathematics, computer science, or statistics/operations research.		3-4
Lifetime Fitness		1
Elective		3
<b>Hours</b>		<b>31</b>
<b>Sophomore Year</b>		
Two of the three biology core courses:		8
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
Approaches (p. 27) (two courses)		6
Elective		6
<b>Hours</b>		<b>26</b>
<b>Junior Year</b>		
Remaining biology core course		4
Organismal biology course		4
Biology electives (three courses)		9
PHYS 114 or PHYS 118	General Physics I: For Students of the Life Sciences or Introductory Calculus-based Mechanics and Relativity	4
PHYS 115 or PHYS 119	General Physics II: For Students of the Life Sciences or Introductory Calculus-based Electromagnetism and Quanta	4
Approaches (p. 27) and Connections (p. 27) (two courses)		6
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
<b>Hours</b>		<b>35</b>
<b>Senior Year</b>		
Biology electives (two courses)		8
Natural science or biology electives (two courses)		6
Approaches (p. 27) and Connections (p. 27) (two courses)		6
Free electives as needed to complete 123 academic hours		11
<b>Hours</b>		<b>31</b>
<b>Total Hours</b>		<b>123</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Biology Major, NUS Joint Degree

Biology B.S. majors may wish to consider applying for the Joint Degree Program, an innovative joint undergraduate degree program between the University of North Carolina at Chapel Hill and the National University of Singapore. UNC–Chapel Hill undergraduates spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of science degree from both institutions. For further information, contact the Study Abroad Office.

## Special Opportunities in Biology

Students are encouraged to speak with their advisor about opportunities to serve as peer advisors in the Health Professions Advising Office, or to join Tri-Beta, the National Biological Sciences Honor Society.

## Honors in Biology

Candidates for honors or highest honors must secure approval from the departmental honors advisor. They must have three hours of BIOL 395, take BIOL 692H, and maintain a grade point average of 3.3, both overall and in biology courses (exclusive of BIOL 692H and including only one semester of BIOL 395), calculated at the end of the semester preceding the semester in which they graduate. Other requirements are detailed on the department Web site (<http://bio.unc.edu/undergraduate/honors-info>).

## Experiential Education

After completing BIOL 201 or BIOL 202, students are encouraged to consider how they plan to meet the experiential education requirement. BIOL 293 and BIOL 395 fulfill this requirement and also connect students' academic coursework to current biological research and inquiry.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students meet all the degree requirements for their biology degree using BIOL 410 as one of their upper-level biology courses.

Code	Title	Hours
BIOL 410	Principles and Methods of Teaching Biology	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1
<b>Total Hours</b>		<b>26</b>

For more details on admission requirements, application deadlines, and submitting an online application, visit the program's Web site (<http://soe.unc.edu/academics/uncbest>) or catalog description (p. 959).

## Laboratory Teaching Apprenticeships and Assistantships

Opportunities exist for assisting graduate instructors (and for instruction in undergraduate laboratories). Interested students should contact the instructor of the course or obtain approval from either the departmental director of undergraduate studies or the department chair.

## Undergraduate Awards

All awards include a personal plaque, a monetary gift, and a place on Coker Hall's list of department honorees. The awards include

- The Stephen G. Brantley Award in honor of Henry Van Peters Wilson, given annually to a senior biology major for excellence in research in molecular and cellular biology.
- The Robert Ervin Coker Award, given annually to a senior biology major for excellence in research in organismal biology and ecology.
- The John N. Couch Award, given annually to a senior biology major with interests in plant biology who has demonstrated the highest ideals of scholarship and research.
- The Irvine R. Hagadorn Award, given annually to the junior biology major based on academic and research excellence. This award is also recognized by the UNC–Chapel Hill chancellor at the Annual Chancellor's Awards Ceremony.
- The Francis J. LeClair Award, given annually to a senior biology major for academic excellence in biology with an emphasis in plant sciences.

## Undergraduate Research

An undergraduate research experience is extremely valuable to a student who intends to pursue postgraduate work in the biological sciences. Undergraduates may participate directly in the research of faculty in the Department of Biology. This research opportunity allows students to put their knowledge of biology into practice through participation in a biological research program and is encouraged by faculty. Students' participation in research can begin as early as their second year by registration in BIOL 395.

Undergraduates with a 2.0 grade point average or higher in biology courses are encouraged to enroll in BIOL 395. Information concerning the procedure for enrolling in a research course can be obtained from the chair of the department's undergraduate honors research program. Additional information can be found on the department's Web site (<http://bio.unc.edu/undergraduate/research>).

## Biology Major, B.S.–Quantitative Biology Track

### Contact Information

#### Department of Biology

Visit Program Website (<http://bio.unc.edu>)  
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#### Summer Montgomery, Assistant for Undergraduate Services

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Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem.

This program is designed for students with a strong interest in a multidisciplinary approach to biological problems in preparation for graduate study in biological or health sciences.

## Department Programs

### Majors

- Biology Major, B.S. (p. 290)
- Biology Major, B.S.–Quantitative Biology Track (p. 294)
- Biology Major, B.A. (p. 298)

### Minor

- Biology Minor (p. 301)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)

## Student Learning Outcomes

Upon completion of the biology (B.A., B.S.) program, students should be able to:

- Knowledge Base: Demonstrate knowledge of major concepts, theoretical perspectives, empirical findings, and historical trends in the broad field of Biology
- Research Methods: Apply basic research methods in the biological sciences, including research design, data analysis, and data interpretation
- Critical Thinking Skills: Demonstrate the use of critical and creative thinking skills in upper-level biology courses and in their approach to undergraduate research
- Application of Knowledge, Research Methods, and Critical Thinking: Apply knowledge of the field of biology, research skills, and critical thinking skills to undertake a course-based, field, or laboratory research project

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0

- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H</sup>	4
<b>Core Requirements</b>		
Core Courses:		
BIOL 201	Ecology and Evolution <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
BIOL 205	Cellular and Developmental Biology <sup>2, H</sup>	4
Two laboratory courses <sup>3</sup>		8
A choice of three biology electives (each of three or more credits, not including BIOL 213, BIOL 253, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 296, BIOL 353, and BIOL 495), of which at least two quantitative electives must be chosen from: <sup>4</sup>		9-12
BIOL 214H	Mathematics of Evolutionary Processes	
BIOL 224H	The Mathematics of Life <sup>5</sup>	
BIOL 226	Mathematical Methods for Quantitative Biology <sup>5</sup>	
BIOL 431	Biological Physics	
BIOL 454	Evolutionary Genetics	
BIOL 465	Global Biodiversity and Macroecology	
BIOL 525	Analysis and Interpretation of Sequence-Based Functional Genomics Experiments <sup>5</sup>	
BIOL 526	Computational Genetics <sup>5, H</sup>	
BIOL 527	Seminar in Quantitative Biology <sup>5</sup>	
BIOL 528	Quantitative Personalized Genomics <sup>5</sup>	
BIOL 534	Mathematical Modeling in the Life Sciences	
BIOL 542	Light Microscopy for the Biological Sciences	
BIOL 551	Comparative Biomechanics	
BIOL 553	Mathematical and Computational Models in Biology <sup>5</sup>	
BIOL 562	Statistics for Environmental Scientists	
BIOL 563	Statistical Analysis in Ecology and Evolution	
BIOL 642	Advanced Studies of Cell Division	
<b>Additional Requirements</b>		
BIOS 600 or STOR 155	Principles of Statistical Inference Introduction to Data Models and Inference	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>6</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>6, H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
Select one of the following:		3
COMP 110	Introduction to Programming <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
COMP 401	Foundation of Programming <sup>H</sup>	

MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> BioCalculus I	3-4
MATH 232 or MATH 283	Calculus of Functions of One Variable II <sup>H</sup> BioCalculus II	3-4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
One of the following:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
One of the following:		4
PHYS 105	General Physics II	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
A choice of two additional allied sciences electives selected from the course list below <sup>7</sup>		6-9
Enough general education (p. 27) and free electives to accumulate 127 academic hours		varies
<b>Total Hours</b>		<b>127</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With a C grade or better in BIOL 101

<sup>2</sup> Minimum of C- in BIOL 202 required for enrollment

<sup>3</sup> One must be a quantitative laboratory chosen from BIOL 224H/BIOL 224L, BIOL 226/BIOL 226L, BIOL 525/BIOL 525L, BIOL 526, BIOL 527/BIOL 527L, BIOL 528/BIOL 528L, or BIOL 553/BIOL 553L. The other can be any biology laboratory course, including two semesters of BIOL 395.

<sup>4</sup> A total of six hours from BIOL 295 (inactive fall 2017), BIOL 395, and/or BIOL 692H count as a laboratory course requirement. One additional elective may consist of a total of three hours of courses numbered above 600 (not including BIOL 692H).

<sup>5</sup> Courses cannot count as both a quantitative laboratory and a quantitative elective

<sup>6</sup> A grade of C or better in CHEM 101 or CHEM 102 is required for BIOL 201 and BIOL 202.

<sup>7</sup> Premedical students are encouraged to take CHEM 241/CHEM 241L and CHEM 262/CHEM 262L.

## Allied Science Electives

All allied science elective courses need to have a minimum of three credit hours.

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	Human Origins	3
ANTH 298	Biological Anthropology Theory and Practice	3
ANTH 315	Human Genetics and Evolution	3



ANTH 317	Evolutionary Perspectives on Human Adaptation and Behavior	3
ANTH 318	Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 415	Laboratory Methods: Zooarchaeology	3
ANTH 416	Bioarchaeology	3
ANTH 470	Medicine and Anthropology	3
ANTH 623	Human Disease Ecology	3
ASTR ---	Any ASTR course above 99	3
BIOL ---	Any BIOL course above 101, except BIOL 213, BIOL 291, BIOL 292, BIOL 294, BIOL 296, and BIOL 495	3
BIOS ---	Any BIOS course	3
BMME 510	Biomaterials	3
CHEM ---	Any CHEM course above 101	3
COMP ---	Any COMP course above 100, except COMP 380	3
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 256	Mountain Biodiversity	4
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4
ENEC 410	Earth Processes in Environmental Systems	4
ENEC 411	Oceanic Processes in Environmental Systems	4
ENEC 415	Environmental Systems Modeling	3
ENEC 471	Human Impacts on Estuarine Ecosystems	4
ENEC 489	Ecological Processes in Environmental Systems	4
EXSS 175	Human Anatomy	3
EXSS 276	Human Physiology	3
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 212	Environmental Conservation and Global Change	3
GEOG 222	Health and Medical Geography	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOL ---	Any GEOL course above 100	3
MASC ---	Any MASC course above 100	3
MATH ---	Any MATH course above 110, except MATH 129P	3
MCRO 251	Introductory Medical Microbiology	4
NUTR 240	Introduction to Human Nutrition	3
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	3
PHYI 292	Introduction to Physiology	5
PHYS ---	Any PHYS course above 99, except PHYS 132	3
PSYC 101	General Psychology	3
PSYC 175	Introduction to Neuroscience	3
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
PSYC 220	Biopsychology <sup>H</sup>	3
PSYC 222	Learning <sup>H</sup>	3
PSYC 225	Sensation and Perception <sup>H</sup>	3
PSYC 230	Cognitive Psychology <sup>H</sup>	3
PSYC 400	Conditioning and Learning	3
PSYC 401	Animal Behavior	3
PSYC 402	Advanced Biopsychology	3
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3

STOR ---	Any STOR course above 151	3
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for the Quantitative Track

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
Language levels 2 and 3		6
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> or BioCalculus I	3-4
MATH 232 or MATH 283	Calculus of Functions of One Variable II <sup>H</sup> or BioCalculus II	3-4
Lifetime fitness		1
Approaches (p. 27) (one course)		3
<hr/>		<hr/>
Hours		33
<b>Sophomore Year</b>		
Select two of three biology core courses:		8
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	
BIOS 600 or STOR 155	Principles of Statistical Inference or Introduction to Data Models and Inference	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry (if premed) <sup>H</sup>	4
Select one of the following:		3
COMP 110	Introduction to Programming <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
COMP 401	Foundation of Programming <sup>H</sup>	

MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Approaches (p. 27) (two courses)		6
Elective		3
Hours		34
<b>Junior Year</b>		
Remaining biology core course		4
Biology electives including one quantitative laboratory (three courses)		10
PHYS 114 or PHYS 118	General Physics I: For Students of the Life Sciences or Introductory Calculus-based Mechanics and Relativity	4
PHYS 115 or PHYS 119	General Physics II: For Students of the Life Sciences or Introductory Calculus-based Electromagnetism and Quanta	4
Approaches (p. 27) and Connections (p. 27) (three courses)		9
Hours		31
<b>Senior Year</b>		
Second laboratory course		4
Biology electives (two courses)		6
Allied sciences electives (CHEM 241/CHEM 241L if premed)		3
Approaches (p. 27) and Connections (p. 27)		6
Electives to accumulate 127 academic hours		10
Hours		29
Total Hours		127

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Biology Major, NUS Joint Degree

Biology B.S. majors may wish to consider applying for the Joint Degree Program, an innovative joint undergraduate degree program between the University of North Carolina at Chapel Hill and the National University of Singapore. UNC–Chapel Hill undergraduates spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of science degree from both institutions. For further information, contact the Study Abroad Office.

## Special Opportunities in Biology

Students are encouraged to speak with their advisor about opportunities to serve as peer advisors in the Health Professions Advising Office, or to join Tri-Beta, the National Biological Sciences Honor Society.

### Honors in Biology

Candidates for honors or highest honors must secure approval from the departmental honors advisor. They must have three hours of BIOL 395, take BIOL 692H, and maintain a grade point average of 3.3, both overall and in biology courses (exclusive of BIOL 692H and including only one semester of BIOL 395), calculated at the end of the semester preceding the semester in which they graduate. Other requirements are detailed on the department Web site (<http://bio.unc.edu/undergraduate/honors-info>).

### Experiential Education

After completing BIOL 201 or BIOL 202, students are encouraged to consider how they plan to meet the experiential education requirement.

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## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students meet all the degree requirements for their biology degree using BIOL 410 as one of their upper-level biology courses.

Code	Title	Hours
BIOL 410	Principles and Methods of Teaching Biology	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1
Total Hours		26

For more details on admission requirements, application deadlines, and submitting an online application, visit the program's Web site (<http://soe.unc.edu/academics/uncbest>) or catalog description (p. 959).

## Laboratory Teaching Apprenticeships and Assistantships

Opportunities exist for assisting graduate instructors (and for instruction in undergraduate laboratories). Interested students should contact the instructor of the course or obtain approval from either the departmental director of undergraduate studies or the department chair.

## Undergraduate Awards

All awards include a personal plaque, a monetary gift, and a place on Coker Hall's list of department honorees. The awards include

- The Stephen G. Brantley Award in honor of Henry Van Peters Wilson, given annually to a senior biology major for excellence in research in molecular and cellular biology.
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- The Irvine R. Hagadorn Award, given annually to the junior biology major based on academic and research excellence. This award is also recognized by the UNC–Chapel Hill chancellor at the Annual Chancellor's Awards Ceremony.
- The Francis J. LeClair Award, given annually to a senior biology major for academic excellence in biology with an emphasis in plant sciences.

## Undergraduate Research

An undergraduate research experience is extremely valuable to a student who intends to pursue postgraduate work in the biological sciences. Undergraduates may participate directly in the research of faculty in

the Department of Biology. This research opportunity allows students to put their knowledge of biology into practice through participation in a biological research program and is encouraged by faculty. Students' participation in research can begin as early as their second year by registration in BIOL 395.

Undergraduates with a 2.0 grade point average or higher in biology courses are encouraged to enroll in BIOL 395. Information concerning the procedure for enrolling in a research course can be obtained from the chair of the department's undergraduate honors research program. Additional information can be found on the department's Web site (<http://bio.unc.edu/undergraduate/research>).

## Biology Major, B.A.

### Contact Information

#### Department of Biology

Visit Program Website (<http://bio.unc.edu>)

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#### Mara Evans, Career Advising

mara1@email.unc.edu

#### Summer Montgomery, Assistant for Undergraduate Services

sundance@unc.edu

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem. The major in biology provides a broad education directed toward an appreciation of the complexity of nature and prepares students for careers in the biological, environmental, and medical sciences. This program is designed to provide greater flexibility than the B.S. degree in meeting broad student interests.

## Department Programs

### Majors

- Biology Major, B.S. (p. 290)
- Biology Major, B.S.—Quantitative Biology Track (p. 294)
- Biology Major, B.A. (p. 298)

### Minor

- Biology Minor (p. 301)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)

- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)

## Student Learning Outcomes

Upon completion of the biology (B.A., B.S.) program, students should be able to:

- Knowledge Base: Demonstrate knowledge of major concepts, theoretical perspectives, empirical findings, and historical trends in the broad field of Biology
- Research Methods: Apply basic research methods in the biological sciences, including research design, data analysis, and data interpretation
- Critical Thinking Skills: Demonstrate the use of critical and creative thinking skills in upper-level biology courses and in their approach to undergraduate research
- Application of Knowledge, Research Methods, and Critical Thinking: Apply knowledge of the field of biology, research skills, and critical thinking skills to undertake a course-based, field, or laboratory research project

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H</sup>	4
<b>Core Requirements</b>		
Core Courses:		
BIOL 201	Ecology and Evolution <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
BIOL 205	Cellular and Developmental Biology <sup>2, H</sup>	4
One organismal structure and diversity course chosen from: <sup>3</sup>		4
BIOL 271 & 271L	Plant Biology and Plant Biology Laboratory	
BIOL 272	Local Flora	
BIOL 273	Horticulture	
BIOL 274 & 274L	Plant Diversity and Plant Diversity Laboratory	
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	
BIOL 278 & 278L	Animal Behavior and Animal Behavior Laboratory	
BIOL 279 & 279L	Seminar in Organismal Biology and Topics in Organismal Biology Laboratory	

BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	
BIOL 472	Introduction to Plant Taxonomy	
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory <sup>H</sup>	
BIOL 475 & 475L	Biology of Marine Animals and Biology of Marine Animals Laboratory	
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	
BIOL 479 & 479L	Topics in Organismal Biology at an Advanced Level and Laboratory in Organismal Biology: Advanced Topics	
BIOL 579	Organismal Structure and Diversity in the Southern Appalachian Mountains	
Three biology electives (each of three or more credits) numbered above 205 (not including BIOL 213, BIOL 253, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 296, BIOL 353, and BIOL 495), at least one with a laboratory <sup>3,4</sup>		10
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>5</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
One of:		3
COMP 110	Introduction to Programming <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
MATH 130	Precalculus Mathematics	
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
MATH 241	BioCalculus I	
STOR 155	Introduction to Data Models and Inference	
STOR 215	Foundations of Decision Sciences	
Four additional allied science electives chosen from the course list below		12
Students must fulfill all General Education requirements, including Supplemental General Education (p. 27), and enough electives to complete 120 hours required for graduation.		67
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With a C grade or better in BIOL 101

<sup>2</sup> Minimum of C- in BIOL 202 required for enrollment

<sup>3</sup> At least one course out of the four courses (three electives and one organismal course) must be numbered above 400 (not including BIOL 501 and BIOL 692H).

<sup>4</sup> A total of six hours from BIOL 295 (inactivated fall 2017), BIOL 395, and/or BIOL 692H count as a laboratory course requirement. One additional elective may consist of a total of three hours of courses numbered above 600 (not including BIOL 692H).

<sup>5</sup> A grade of C or better in CHEM 101 or CHEM 102 is required for BIOL 201 and BIOL 202.

## Allied Science Electives

All allied science elective courses need to have a minimum of three credit hours.

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	Human Origins	3
ANTH 298	Biological Anthropology Theory and Practice	3
ANTH 315	Human Genetics and Evolution	3
ANTH 317	Evolutionary Perspectives on Human Adaptation and Behavior	3
ANTH 318	Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 415	Laboratory Methods: Zooarchaeology	3
ANTH 416	Bioarchaeology	3
ANTH 470	Medicine and Anthropology	3
ANTH 623	Human Disease Ecology	3
ASTR --	Any ASTR course above 99	3
BIOL --	Any BIOL course above 101, except BIOL 213, BIOL 291, BIOL 292, BIOL 294, BIOL 296, and BIOL 495	3
BIOS --	Any BIOS course	3
BMME 510	Biomaterials	3
CHEM --	Any CHEM course above 101	3
COMP --	Any COMP course above 100, except COMP 380	3
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 256	Mountain Biodiversity	4
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4
ENEC 410	Earth Processes in Environmental Systems	4
ENEC 411	Oceanic Processes in Environmental Systems	4
ENEC 415	Environmental Systems Modeling	3
ENEC 471	Human Impacts on Estuarine Ecosystems	4
ENEC 489	Ecological Processes in Environmental Systems	4
EXSS 175	Human Anatomy	3
EXSS 276	Human Physiology	3
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 212	Environmental Conservation and Global Change	3
GEOG 222	Health and Medical Geography	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOL --	Any GEOL course above 100	3
MASC --	Any MASC course above 100	3
MATH --	Any MATH course above 110, except MATH 129P	3
MCRO 251	Introductory Medical Microbiology	4
NUTR 240	Introduction to Human Nutrition	3
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	3
PHYI 292	Introduction to Physiology	5
PHYS --	Any PHYS course above 99, except PHYS 132	
PSYC 101	General Psychology	3
PSYC 175	Introduction to Neuroscience	3

PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
PSYC 220	Biopsychology <sup>H</sup>	3
PSYC 222	Learning <sup>H</sup>	3
PSYC 225	Sensation and Perception <sup>H</sup>	3
PSYC 230	Cognitive Psychology <sup>H</sup>	3
PSYC 400	Conditioning and Learning	3
PSYC 401	Animal Behavior	3
PSYC 402	Advanced Biopsychology	3
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3
STOR ---	Any STOR course above 151	3
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.A. Majors

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
	Language levels 2 and 3	6
	Foundations quantitative reasoning requirement as specified in requirements	3
	Lifetime fitness	1
	Electives	6
Hours		31
<b>Sophomore Year</b>		
Two of the three biology core courses:		8
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	
Natural sciences electives (two courses)		6
Approaches (p. 27) and Connections (p. 27) (four courses)		12
Elective		3
Hours		29

### Junior Year

Remaining biology core course	4
Organismal biology course	4
Biology electives (two courses)	7
Natural sciences electives (two courses)	6
Approaches (p. 27) and Connections (p. 27) (two courses)	6
Supplemental General Education (p. 27) requirement or free electives (two courses)	6
<hr/>	
Hours	33

### Senior Year

Biology electives (two courses)	6
Approaches (p. 27) and Connections (p. 27) (one course)	3
Supplemental General Education (p. 27) requirement and free electives as needed to complete 120 academic hours and other requirements	18
<hr/>	
Hours	27
<hr/>	
Total Hours	120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Biology

Students are encouraged to speak with their advisor about opportunities to serve as peer advisors in the Health Professions Advising Office, or to join Tri-Beta, the National Biological Sciences Honor Society.

### Honors in Biology

Candidates for honors or highest honors must secure approval from the departmental honors advisor. They must have three hours of BIOL 395, take BIOL 692H, and maintain a grade point average of 3.3, both overall and in biology courses (exclusive of BIOL 692H and including only one semester of BIOL 395), calculated at the end of the semester preceding the semester in which they graduate. Other requirements are detailed on the department Web site (<http://bio.unc.edu/undergraduate/honors-info>).

### Experiential Education

After completing BIOL 201 or BIOL 202, students are encouraged to consider how they plan to meet the experiential education requirement. BIOL 293 and BIOL 395 fulfill this requirement and also connect students' academic coursework to current biological research and inquiry.

### UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students meet all the degree requirements for their biology degree using BIOL 410 as one of their upper-level biology courses.

Code	Title	Hours
BIOL 410	Principles and Methods of Teaching Biology	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3



EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1
Total Hours		26

For more details on admission requirements, application deadlines, and submitting an online application, visit the program's Web site (<http://soe.unc.edu/academics/uncbest>) or catalog description (p. 959).

## Laboratory Teaching Apprenticeships and Assistantships

Opportunities exist for assisting graduate instructors (and for instruction in undergraduate laboratories). Interested students should contact the instructor of the course or obtain approval from either the departmental director of undergraduate studies or the department chair.

## Undergraduate Awards

All awards include a personal plaque, a monetary gift, and a place on Coker Hall's list of department honorees. The awards include

- The Stephen G. Brantley Award in honor of Henry Van Peters Wilson, given annually to a senior biology major for excellence in research in molecular and cellular biology.
- The Robert Ervin Coker Award, given annually to a senior biology major for excellence in research in organismal biology and ecology.
- The John N. Couch Award, given annually to a senior biology major with interests in plant biology who has demonstrated the highest ideals of scholarship and research.
- The Irvine R. Hagadorn Award, given annually to the junior biology major based on academic and research excellence. This award is also recognized by the UNC–Chapel Hill chancellor at the Annual Chancellor's Awards Ceremony.
- The Francis J. LeClair Award, given annually to a senior biology major for academic excellence in biology with an emphasis in plant sciences.

## Undergraduate Research

An undergraduate research experience is extremely valuable to a student who intends to pursue postgraduate work in the biological sciences. Undergraduates may participate directly in the research of faculty in the Department of Biology. This research opportunity allows students to put their knowledge of biology into practice through participation in a biological research program and is encouraged by faculty. Students' participation in research can begin as early as their second year by registration in BIOL 395.

Undergraduates with a 2.0 grade point average or higher in biology courses are encouraged to enroll in BIOL 395. Information concerning the procedure for enrolling in a research course can be obtained from the chair of the department's undergraduate honors research program. Additional information can be found on the department's Web site (<http://bio.unc.edu/undergraduate/research>).

## Biology Minor

### Contact Information

#### Department of Biology

Visit Program Website (<http://bio.unc.edu>)  
Coker Hall, 120 South Road, CB# 3280

(919) 962-3390

**Victoria L. Bautch, Chair**

**Gidi Shemer, Departmental Advisor, Abbey Fellow**  
[bishemer@email.unc.edu](mailto:bishemer@email.unc.edu)

**William M. Kier, Interim Director of Undergraduate Studies (2017-2018)**  
[billkier@bio.unc.edu](mailto:billkier@bio.unc.edu)

**Alain Laederach, Biology Study Abroad**  
[alain@unc.edu](mailto:alain@unc.edu)

**Mara Evans, Career Advising**  
[maral@email.unc.edu](mailto:maral@email.unc.edu)

**Summer Montgomery, Assistant for Undergraduate Services**  
[sundance@unc.edu](mailto:sundance@unc.edu)

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem.

## Department Programs

### Majors

- Biology Major, B.S. (p. 290)
- Biology Major, B.S.–Quantitative Biology Track (p. 294)
- Biology Major, B.A. (p. 298)

### Minor

- Biology Minor (p. 301)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology>)

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

A student may minor in biology by taking four biology courses beyond BIOL 101/BIOL 101L.

Code	Title	Hours
<b>Core Requirements</b>		
Two of the three core courses:		8
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	
BIOL 205	Cellular and Developmental Biology <sup>1, H</sup>	
One course with a laboratory		4

One course numbered above 400	3-4
<hr/>	
Total Hours	15-16

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> A grade of C- or better in BIOL 202 is required.

Biology (BIOL) course descriptions (p. 277).

See program page here (p. 298) for special opportunities.

# DEPARTMENT OF BIOMEDICAL ENGINEERING

## Contact Information

### Department of Biomedical Engineering

Visit Program Website (<http://www.bme.unc.edu>)

#### Nancy Allbritton, Chair

[nlallbri@unc.edu](mailto:nlallbri@unc.edu)

#### Caterina Gallippi, Director of Graduate Studies

[cmgallip@email.unc.edu](mailto:cmgallip@email.unc.edu)

#### Lianne Cartee, Director of Undergraduate Studies

[lacartee@email.unc.edu](mailto:lacartee@email.unc.edu)

#### Sandy Henriquez, Curriculum Advisor (students with last names beginning with A-F)

[aphenriq@email.unc.edu](mailto:aphenriq@email.unc.edu)

#### Naji Husseini, Curriculum Advisor (students with last names beginning with G-J)

[najihuss@email.unc.edu](mailto:najihuss@email.unc.edu)

#### Devin Hubbard, Curriculum Advisor (students with last names beginning with K-P)

[dhubbard@email.unc.edu](mailto:dhubbard@email.unc.edu)

#### Richard Goldberg, Curriculum Advisor (students with last names beginning with Q-Z)

[r.goldberg@unc.edu](mailto:r.goldberg@unc.edu)

## Introduction

The joint Department of Biomedical Engineering (BME) is a department of both the University of North Carolina at Chapel Hill (UNC–Chapel Hill) and North Carolina State University (NC State). The department oversees a joint graduate and undergraduate program at these institutions. While a complete curriculum is offered on the UNC–Chapel Hill campus, students can elect to take any number of classes at NC State. The joint program also leverages the industry resources in Research Triangle Park, located roughly half way between the two campuses, providing unique opportunities for students.

Biomedical engineering is a profession that develops and applies engineering knowledge and experience to solve problems in biology and medicine and to enhance health care. Biomedical engineers are professionally trained to combine the rigors of medical and biological studies with the power of engineering analysis and design. People become biomedical engineers to be of service to others, to enjoy the excitement of understanding living systems, and to use state-of-the-art science and technology to solve the complex problems of medical care. The emphasis in biomedical engineering is on finding solutions by researching, testing, and applying medical, biological, chemical, electrical, and materials engineering approaches. Biomedical engineers are unique individuals who make contributions to health care that are both satisfying to themselves and beneficial to others.

## Facilities

The Department of Biomedical Engineering houses an undergraduate student design laboratory. It contains equipment for rapid prototyping

(three-dimensional printer and laser cutter), as well as electronics and microcontroller design and development. Students also use facilities in other departments that have laboratory-based courses. The BeAM Makerspace facilities are available to all UNC students, and these facilities house a variety of mechanical and electronic fabrication tools. More information is available at the UNC BeAM Web site.

## Graduate School and Career Opportunities

Many students from this program have pursued further education in graduate school in biomedical engineering. Our alumni have attended many of the top-ranked biomedical engineering programs. In addition, some students have pursued graduate degrees in other disciplines in engineering, as well as related fields such as microbiology, sports physiology, public health, and business/engineering management, among others. Students have also been accepted into clinical programs such as medical, dental, physical therapy, and pharmacy schools (in many cases, the student must take several additional courses to meet the requirements for clinical programs).

For those interested in going directly into a career, biomedical engineering is one of the fastest growing career opportunities. Graduates are employed by hospitals, pharmaceutical companies, medical device and testing companies, government agencies, universities, and medical schools.

### Major

- Biomedical and Health Sciences Engineering Major, B.S. (p. 307)

### Graduate Programs

- M.S. in Biomedical Engineering (<http://catalog.unc.edu/graduate/schools-departments/biomedical-engineering>)
- Ph.D. in Biomedical Engineering (<http://catalog.unc.edu/graduate/schools-departments/biomedical-engineering>)

## Professors

Nancy Allbritton, Paul Dayton, M. Gregory Forest, Edward Grant, Helen Huang, Leaf Huang, Mike Jay, Melina Kibbe, Frances Ligler, Weili Lin, Terry Magnuson, Matthew Mauro, H. Troy Nagle, Roger Narayan, Harold Pillsbury, J. Michael Ramsey, Koji Sode.

## Associate Professors

Ted Bateman, Lianne Cartee, Ke Cheng, Bob Dennis, Andrew DiMeo, Oleg Favorov, Caterina Gallippi, Michael Gamcsik, Richard Goldberg, Shawn Gomez, Zhen Gu, Derek Kamper, David Lalush, Jeffrey Macdonald, Scott Magness, Hatice Ozturk, Mark Tommerdahl, Anka Veleva, Glenn Walker, Paul Weinhold, David Zaharoff.

## Assistant Professors

Rahima Benhabbour, Ashley Brown, Yevgeny Brudno, Jacqueline Cole, Michael Daniele, Brian Diekman, Matthew Fisher, Jason Franz, Donald Freytes, Naji Husseini, Xiaogang Hu, Stephanie Huang, Kennita Johnson, Gianmarco Pinton, William Polacheck, David Rojas Sr., Michael Sano, Anne Taylor, James Tsuruta.

## Lecturers

Kenneth Donnelly, Devin Hubbard.

## Professors Emeriti

Frank Abrams, Albert Baner, Carol Lucas.

## BMME—Biomedical Engineering Undergraduate-level Courses

### **BMME 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### **BMME 101. Frontiers of Biomedical Engineering. 1 Credit.**

Restricted to first-year students only. An introduction to the groundbreaking tools and topics of biomedical engineering, including medical imaging, medical robotics, rehabilitative engineering, regenerative medicine, and medical device design.

**Grading status:** Letter grade.

### **BMME 150. Introduction to Materials Science. 3 Credits.**

Majors only. Focus on the materials science and processing of electronic, metallic, polymeric, ceramic, and composite materials. The electronic, optical, magnetic, and structural properties of materials are related to their applications.

**Requisites:** Prerequisite, CHEM 102; co-requisites, MATH 383 and PHYS 117 or 119.

**Grading status:** Letter grade.

### **BMME 160. Statics. 3 Credits.**

Course restricted to admitted majors only. Course covers rigid body mechanics of bodies at equilibrium or at rest (statics), and an introduction to rigid body mechanics of bodies in motion (dynamics). A foundation in engineering concepts and practices required to design and analyze many types of structural members is presented. Provides a foundation for more advanced courses.

**Requisites:** Prerequisites, MATH 232, and PHYS 116 or 118.

**Grading status:** Letter grade.

### **BMME 190. Special Topics in Biomedical Engineering. 1-3 Credits.**

A study in the special fields under the direction of the faculty. Offered as needed for presenting material not normally available in regular BMME courses.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

### **BMME 201. Computer Methods in Biomedical Engineering. 3 Credits.**

Majors only. This course introduces students to problem-solving techniques using the MATLAB programming language. Fundamental computer science basics are taught as they relate to problems encountered in biomedical engineering and other scientific disciplines. Programming activities will incorporate actual data (e.g., stress/strain data and microscopy images) for relevant, real-world examples.

**Grading status:** Letter grade.

### **BMME 205. Introduction to Biomedical Mechanics. 4 Credits.**

Majors only. Course covers rigid body mechanics of bodies at equilibrium or at rest (statics), and an introduction to rigid body mechanics of bodies in motion (dynamics). A foundation in engineering concepts and practices required to design and analyze many types of structural members is presented. In lab component, statics and dynamics subjects will be studied with experimental techniques, including strain gauges and accelerometers, and computational methods, including finite-element analysis and motion capture.

**Requisites:** Co-requisite, BMME 201 or COMP 116.

**Grading status:** Letter grade.

### **BMME 209. Introduction to the Materials Science of Biomaterials. 4 Credits.**

Majors only. Focus on the materials science and processing of electronic, metallic, polymeric, ceramic, and composite materials. The electronic, optical, magnetic, and structural properties of materials are related to their applications. Lab component focused on integrating biological engineering and materials engineering principles by exploring key topics in materials science. Topics include biomaterial fabrication, evaluation of their physical properties and interpretation of results.

**Requisites:** Corequisite, PHYS 117 or 119.

**Grading status:** Letter grade.

### **BMME 210. BME Design and Manufacturing I. 2 Credits.**

Course restricted to admitted majors only. Students will learn: use of design software (SolidWorks and support/analysis programs); basic techniques for directly measuring solid objects; electronic assembly techniques; and how to design simple electronic circuits. Note: BME Toolkit purchase is required for this course.

**Requisites:** Co-requisite, PHYS 117 or 119.

**Grading status:** Letter grade.

### **BMME 215L. Biomedical Mechanics Lab. 1 Credit.**

Statics and dynamics subjects will be studied with experimental techniques, including strain gauges and accelerometers, and computational methods, including finite-element analysis and motion capture.

**Requisites:** Prerequisite, BMME 160; corequisite, BMME 201 or COMP 116.

**Grading status:** Letter grade.

### **BMME 219L. Materials Science of Biomaterials Lab. 1 Credit.**

Introductory laboratory experience focused on integrating biological engineering and materials engineering principles by exploring key topics in materials science. Topics include biomaterial fabrication, evaluation of their physical properties and interpretation of results.

**Requisites:** Prerequisite, BMME 150.

**Grading status:** Letter grade.

### **BMME 295. Research in Biomedical Engineering for Undergraduates. 1-3 Credits.**

Permission of the director of undergraduate studies. At least three hours per credit hour of independent work a week. Research with a faculty mentor. Approved learning contract required. Research proposal and final research paper also required. Previously offered as BMME 395.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

### **BMME 310. BME Design and Manufacturing II. 2 Credits.**

Students learn basic tools and procedures of modern design and practice traditional and modern rapid manufacturing technologies/techniques. Laboratory exercises and Web-based instructional content.

**Requisites:** Prerequisite, BMME 210.

**Grading status:** Letter grade.

**BMME 315. Biotransport. 3 Credits.**

This course serves as introduction for engineers pursuing transport phenomena and for future pharmaco-engineers requiring predictive models of mass transfer or pharmacodynamic models. Material is designed to address heat and mass transfer issues in nanotechnology, microfabrication, mems, cell therapies, bioartificial organs, as well as pharmacodynamic modeling of dynamic "omics" datasets. Previously offered as BMME 475

**Requisites:** Prerequisites, BIOL 101, BMME 205 or BMME 160, and MATH 383.

**Grading status:** Letter grade.

**BMME 325. Biochemistry for Biomedical Engineers. 3 Credits.**

An overview of how alterations in bioenergetics, enzyme catalysis, protein and membrane structure, carbohydrate, lipid and nucleic acid metabolism affect human health. Topics include: biological thermodynamics, energy of macromolecular structure and binding, structure/function of proteins, enzymes and nucleic acids, kinetics, enzyme catalysis and biochemical network analysis, generation of chemical and electrical potential in membranes, carbohydrate/lipid/protein metabolism and energy production, DNA synthesis, transcription, and the technologies used to monitor/detect biochemical processes.

**Requisites:** Prerequisites, CHEM 261 and BMME 150 or BMME 209.

**Grading status:** Letter grade.

**BMME 345. Biomedical Solid Mechanics. 3 Credits.**

This course covers topics ranging from multi-body systems to stress superposition to failure criteria to prepare students for the more advanced subjects of biomechanics and rehabilitation engineering. Topics include free-body diagrams, multibody statics and dynamics, linkage kinematics and kinetics, anthropometric kinematics, stress/strain/torsion, beam bending, stress superposition, constitutive relationship, strain gauges, finite-element analysis, failure analysis, and failure mechanisms.

**Requisites:** Prerequisites, BMME 205 or BMME 215L, BMME 150 or BMME 209, and BMME 201 or COMP 116.

**Grading status:** Letter grade.

**BMME 350. Electronics for Biomedical Engineers. 4 Credits.**

Fundamentals of analog and digital circuit analysis and design as applied to biomedical instrumentation and measurement of biological potentials. Class will consist of lectures and problem solving of analog and digital circuits. In lab students will design, develop, and test circuits, and acquire data to a computer using LabView.

**Requisites:** Prerequisite, PHYS 117 or 119.

**Grading status:** Letter grade.

**BMME 351. Human Physiology and Biological Measurements for Engineers. 4 Credits.**

A course on the quantitative aspects of basic human physiology. Class work will provide students with a basic understanding of human anatomy and physiology. A laboratory portion will explore actual physiological measurement techniques and quantitatively evaluate human physiology using statistical analyses.

**Requisites:** Prerequisite, BMME 350; co-requisite, BIOL 252.

**Grading status:** Letter grade.

**BMME 355. Biocontrols. 3 Credits.**

Quantitative analysis of dynamic and feedback control systems, including modeling of physiological systems and physiological control systems, system time and frequency responses, control characteristics, and stability analysis. Design techniques for feedback systems in biomedical applications.

**Requisites:** Prerequisites, BMME 350 and MATH 383; corequisite, BMME 410.

**Grading status:** Letter grade.

**BMME 396. Independent Study in Biomedical Engineering. 1-3 Credits.**

Permission of the director of undergraduate studies. Independent study under a member of the biomedical engineering faculty. Approved learning contract required.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**BMME 405. Biomechanics of Movement. 3 Credits.**

This course provides an overview of musculoskeletal anatomy, and of the mechanical behavior of biological tissues and biological systems. Students learn to apply fundamental principles of mechanics to analyze movement in humans and other animals. Applications in rehabilitation and orthopedics are emphasized.

**Requisites:** Prerequisites, BMME 160 and MATH 383.

**Grading status:** Letter grade.

**BMME 410. Systems and Signals. 3 Credits.**

Analysis of linear systems by transform methods to networks, including Fourier transforms, Laplace transforms, and convolution. Survey of linear systems applications to biomedical problems.

**Requisites:** Prerequisite, MATH 383; co-requisite, MATH 528.

**Grading status:** Letter grade.

**BMME 420. Introduction to Synthetic Biology. 3 Credits.**

This course provides an introduction to the ideas and methodologies in the field of synthetic biology. Lectures focus on fundamental concepts in molecular biology and engineering as applied to biological system design. The laboratory portion of the course provides hands-on application of fundamental techniques in synthetic biology research.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101; corequisite, BIOL 202 and CHEM 102.

**Grading status:** Letter grade.

**BMME 435. Biological Physics. 3 Credits.**

How diffusion, entropy, electrostatics, and hydrophobicity generate order and force in biology. Topics include DNA manipulation, intracellular transport, cell division, molecular motors, single molecule biophysics techniques, nerve impulses, neuroscience.

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119.

**Grading status:** Letter grade

**Same as:** PHYS 405, BIOL 431.

**BMME 441. Thermal Physics. 3 Credits.**

Equilibrium statistical mechanics; the laws of thermodynamics, internal energy, enthalpy, entropy, thermodynamic potentials, Maxwell's equations.

**Requisites:** Prerequisites, MATH 233, and PHYS 117 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** PHYS 441.



**BMME 445. Systems Neuroscience. 3 Credits.**

Introduction to methodologies used to characterize a) the aggregate behavior of living neural networks and b) the changes in that behavior that occur as a function of stimulus properties, pharmacological manipulations, and other factors that dynamically modify the functional status of the network.

**Requisites:** Prerequisite, BMME 351 or BIOL 252.

**Grading status:** Letter grade.

**BMME 447. Neural Basis of Rehabilitation Engineering. 3 Credits.**

The course will 1) introduce basic neuroscience topics underlying sensorimotor control, and 2) introduce different types of childhood and adult neuromuscular disorders with both central and peripheral origins. The main focus of the class will be on the different techniques used for diagnosis, assessment, and rehabilitation interventions.

**Requisites:** Prerequisites, BMME 351, and BMME 160 or BMME 345.

**Grading status:** Letter grade.

**BMME 455. Biofluid Mechanics. 3 Credits.**

This course introduces students to basics of fluid mechanics (steady and pulsatile flows, laminar and turbulent flows, and Newtonian and non-Newtonian flows). Students learn the fundamental relationships and governing equations describing these types of flows and the basic physiology of certain systems that are highly associated with fluid flows.

**Requisites:** Prerequisites, BMME 315, or BMME 160 and MATH 528 and COMP 116.

**Grading status:** Letter grade.

**BMME 461. Introduction to Medical Imaging. 3 Credits.**

This class covers the underlying concepts and instrumentation of modern medical imaging modalities. Review of applicable linear systems theory and relevant principles of physics. Modalities covered include X-ray radiography (conventional film-screen imaging and modern electronic imaging), computerized tomography (including the theory of reconstruction), magnetic resonance imaging, SPECT/PET, and ultrasound imaging.

**Requisites:** Prerequisite, BMME 410.

**Grading status:** Letter grade.

**BMME 465. Biomedical Instrumentation I. 4 Credits.**

Topics include basic electronic circuit design, analysis of medical instrumentation circuits, physiologic transducers (pressure, flow, bioelectric, temperate, and displacement). This course includes a laboratory where the student builds biomedical devices. Note, an embedded computer kit purchase is required for this course.

**Requisites:** Prerequisites, BMME 350, and COMP 116 or BMME 201.

**Grading status:** Letter grade.

**BMME 470. Tissue Engineering. 3 Credits.**

Lectures in this course address how to quantitatively evaluate functional engineered tissues. The course provides an overview of the field, with emphasis on detailed evaluation of scientific and commercial progress over time, and design principles that must be met to develop a process or fabricate a functional tissue-engineered part.

**Requisites:** Prerequisites, BIOL 252 and BMME 351.

**Grading status:** Letter grade.

**BMME 485. Biotechnology. 3 Credits.**

This course is designed to prepare a biomedical engineering student with the survey tools to understand key components in modern biotechnologies. Fundamental concepts, theory, design, operation, and analysis of the most common biotechnologies in bioengineering will be presented.

**Requisites:** Prerequisite, BMME 210.

**Grading status:** Letter grade.

**BMME 490. Special Topics in Biomedical Engineering. 3-9 Credits.**

A study in the special fields under the direction of the faculty. Offered as needed for presenting material not normally available in regular BMME courses.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**BMME 495. Undergraduate Research in Biomedical Engineering as a Technical Elective. 3 Credits.**

Opportunity for hands-on faculty mentored research project in biomedical engineering. Approved plan of work required with significant independent research culminating in a final paper and presentation at an appropriate venue. Departmental approval required. Course may not be repeated.

**Grading status:** Letter grade.

**BMME 505. Skeletal Biomechanics. 3 Credits.**

A firm understanding of the principles of mechanics is an important foundation to biomechanics. In this course, students will study the mechanics of materials with applications to the strength of bone, implant analysis, and testing of biological materials. A goal of this course is for students to understand how the interface of biology, mechanics, and therapies affect skeletal pathological conditions.

**Requisites:** Prerequisites, BMME 160 and MATH 383.

**Grading status:** Letter grade.

**BMME 510. Biomaterials. 3 Credits.**

Focus on the mechanical, chemical, and biocompatibility considerations of any material (e.g., metal, ceramic, or polymer) designed to interface with the body. Various applications of biomaterials are presented and analyzed, including femoral implants and vascular grafts, in order to guide students in a semester-long design project.

**Requisites:** Prerequisites, BIOL 101 and BMME 150; corequisites BIOL 252 and 252L.

**Grading status:** Letter grade.

**BMME 550. Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems. 3 Credits.**

Physical and mathematical foundations of ultrasonic, optical, and magnetic resonance imaging systems in application to medical diagnostics. Each imaging modality is examined, highlighting critical system characteristics: underlying physics of the imaging system, including mechanisms of data generation and acquisition; image creation; and relevant image processing methods, such as noise reduction.

**Requisites:** Prerequisites, BIOS 550, BMME 530, and PHYS 128.

**Grading status:** Letter grade.

**BMME 551. Medical Device Design I. 3 Credits.**

Student multidisciplinary teams work with local medical professionals to define specific medical device concepts for implementation.

**Grading status:** Letter grade.

**BMME 552. Medical Device Design II. 3 Credits.**

Device prototypes designed in the first course in series. Good manufacturing practices; process validation; FDA quality system regulations; design verification and validation; regulatory approval planning; and intellectual property protection.

**Grading status:** Letter grade.

**BMME 560. Medical Imaging II: X-Ray, CT, and Nuclear Medicine Systems. 3 Credits.**

Overview of medical imaging systems using ionizing radiation. Interaction of radiation with matter. Radiation production and detection. Radiography systems and applications. Tomography. PET and SPECT systems and applications.

**Requisites:** Prerequisites, BIOS 550, BMME 410, and PHYS 128.

**Grading status:** Letter grade.

**BMME 565. Biomedical Instrumentation I. 4 Credits.**

Graduate students or permission of the instructor. Topics include basic electronic circuit design, analysis of medical instrumentation circuits, physiologic transducers (pressure, flow, bioelectric, temperate, and displacement). This course includes a laboratory where the student builds biomedical devices.

**Grading status:** Letter grade.

**BMME 576. Mathematics for Image Computing. 3 Credits.**

Mathematics relevant to image processing and analysis using real image computing objectives and provided by computer implementations.

**Requisites:** Prerequisites, COMP 116 or 401, and MATH 233; a grade of C or better is required in COMP 116 or 401, and MATH 233.

**Grading status:** Letter grade

**Same as:** COMP 576.

**BMME 580. Microcontroller Applications I. 3 Credits.**

Introduction to digital computers for real-time processing and control of signals and systems. Programming input and output devices using C and assembly language is stressed. Case studies are used to present software design strategies for real-time laboratory systems.

**Requisites:** Prerequisites, BIOL 252, BMME 350, and COMP 116 or BMME 201; co-requisite, BMME 351.

**Grading status:** Letter grade.

**BMME 581. Microcontroller Applications II. 3 Credits.**

Advanced topics in microcontroller systems used for biomedical instruments. Problems of interfacing computers with biomedical systems are studied. Students collaborate to develop a new biomedical instrument. Platforms could include the use of digital signal processing (DSP) microcontrollers or field programmable gate arrays (FPGAs), and topics could include applications such as digital signal processing and high speed data acquisition to computers.

**Requisites:** Prerequisites, BMME 465 and 580.

**Grading status:** Letter grade.

**BMME 681. Human Factors Engineering and Quality Management Systems for Engineers. 3 Credits.**

This course teaches human factors engineering, risk assessment, and quality management systems. At the end of the course, students will be able to apply their knowledge to their senior design project and test for a six sigma green belt certification.

**Grading status:** Letter grade.

**BMME 691H. Honors Thesis. 3 Credits.**

Research honors course. Prior approval needed from the chair or associate chair of the program for topic selection and faculty research mentor. Minimum GPA requirement, written report, and abstract requirements as set forth by the honors program.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**BMME 692H. Honors Thesis. 3 Credits.**

Research honors thesis continuation with required GPA, research topic selection with approved faculty mentor. Written abstract and report per honors program guidelines submitted by specific deadlines.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**BMME 697. Senior Design Project I. 3 Credits.**

Course restricted to admitted majors only. Conceptual prelude and preparation to BMME 698, in which the theoretical and practical knowledge acquired during the undergraduate tenure is applied to develop a solution to a real-world problem.

**Requisites:** Prerequisites, BMME 310, BMME 351, and one BMME course above 400.

**Grading status:** Letter grade.

**BMME 698. Biomedical Engineering Senior Design II. 3 Credits.**

Implementation phase of the senior design experience. Students apply the theoretical and practical knowledge they have acquired in their previous seven semesters to the design and implementation of a solution to a real-world problem.

**Requisites:** Prerequisite, BMME 697.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

## Biomedical and Health Sciences Engineering Major, B.S.

### Contact Information

#### Department of Biomedical Engineering

Visit Program Website (<http://www.bme.unc.edu>)

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In this major, students learn to apply engineering principles to solve problems in medicine and biology. This is a field of great breadth that incorporates medical imaging, informatics, micro and nanosystems, prosthetics, medical devices, tissue engineering and genomics, drug delivery, and applications of signal processing and control.

## Admission

Students may declare the biomedical and health sciences engineering major as early as their first year. However, students who wish to complete the biomedical and health sciences engineering major must apply for admission to the program. Admission to the university does not guarantee admission to the program. Admission to the program is granted to rising sophomores, and students will apply in the fall, spring or summer of their first year. Rising juniors may also apply, but admission to rising juniors will only be granted on a limited basis if space is available. Students who are not accepted to the program must select a different major.

In order to apply, students must complete the following courses.

Code	Title	Hours
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>1</sup>	4
ENGL 105	English Composition and Rhetoric <sup>2</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>1, H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
PHYS 118 or PHYS 116	Introductory Calculus-based Mechanics and Relativity <sup>1</sup> Mechanics	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

<sup>2</sup> With a grade of C- or better. Transfer credit will be accepted according to university policies.

More information about this process is available on the department Web site (<http://bmeundergrad.bme.unc.edu/unc-biomedical-engineering/admission>).

## Advising

The department provides both curriculum advising and career advising. BME curriculum advisors provide guidance on course and curriculum issues. The advisors are a small group of faculty members and staff who have expertise in the BME curriculum. Students can meet with their designated curriculum advisors at any time. After admission to the program, BME students must get their planned courses approved by a curriculum advisor each semester in order to register for classes. Students can also schedule a meeting with an advisor for additional assistance. The department sends out instructions on this procedure every semester.

BME career advisors provide guidance on issues related to careers, internships, graduate school, etc. Starting in the sophomore year, each student is assigned to a BME faculty member as his or her career advisor.

First-year students receive advising through the Academic Advising Program. A first-year student can also meet their designated curriculum advisor in BME by scheduling an advising appointment. BME curriculum advisors do not advise students on General Education requirements. Advisors from the Academic Advising Program can provide assistance with these requirements.

*Other resources for help:* The BME Club offers peer advising around the time of registration each semester. Through this program, seniors provide advising assistance to younger students. More information is sent out to students before these sessions.

## Student Learning Outcomes

Upon completion of the biomedical and health sciences engineering program, students should be able to:

### General engineering outcomes:

- Demonstrate an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- Demonstrate an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental, and economic factors
- Demonstrate an ability to communicate effectively with a range of audiences
- Demonstrate an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- Demonstrate an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- Demonstrate an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions
- Demonstrate an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

### BME-specific program criteria:

- Apply principles of engineering, biology, human physiology, chemistry, calculus-based physics, mathematics (through differential equations), and statistics
- Solve bio/biomedical engineering problems, including those associated with the interaction between living and non-living systems
- Analyze, model, design, and realize bio/biomedical engineering devices, systems, components, or processes
- Make measurements on and interpret data from living systems

## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill or North Carolina State University (N.C. State) courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill or N.C. State
- earn a minimum of 18 hours of C or better in the major core requirements

For more information, please consult the degree requirements section of the catalog (p. 100).

The first two years of study have many courses in common with the B.S. programs in chemistry, physics, computer science, or mathematical

sciences. The curriculum, as for all sciences, is vertically structured, with experience and knowledge from each course serving as a foundation for subsequent courses. Students' attention to prerequisites is important. The specific requirements are listed below. Students are also encouraged to engage in research in a laboratory at UNC–Chapel Hill or elsewhere, or have an internship experience in industry.

The degree program requires **124 hours**.

Students who are admitted to the program may take courses at N.C. State. Most classes designated BMME ### are offered as BMME ### on the UNC campus and BME ### on the N.C. State campus. Other N.C. State course numbers are designated in parentheses.

Code	Title	Hours
<b>Core Requirements</b>		
Students should take the following courses, preferably in their second year:		
BMME 201	Computer Methods in Biomedical Engineering (CSC 113)	3
	or COMP 116 Introduction to Scientific Programming	
BMME 205	Introduction to Biomedical Mechanics	4
	or BMME 160 Statics & BMME 215L and Biomedical Mechanics Lab	
BMME 209	Introduction to the Materials Science of Biomaterials	4
	or BMME 150 Introduction to Materials Science & BMME 219L and Materials Science of Biomaterials Lab	
BMME 298	(BME Design and Manufacturing I)	2
	or BMME 210 BME Design and Manufacturing I	
Students should take the following courses, preferably in their third year:		
BMME 207	(Biomedical Electronics)	4
	or BMME 350 Electronics for Biomedical Engineers	
BMME 301	(Human Physiology: Electrical Analysis )	4
	or BMME 351 Human Physiology and Biological Measurements for Engineers	
BMME 302	(Human Physiology: Mechanical Analysis)	4
BMME 398	(BME Design and Manufacturing II)	2
	or BMME 310 BME Design and Manufacturing II	
Take three gateway electives to prepare for specialty electives in two areas		
BMME 315	Biotransport	
BMME 325	Biochemistry for Biomedical Engineers	
BMME 335	(Biomaterials)	
	or BMME 51 Biomaterials	
BMME 345	Biomedical Solid Mechanics	
BMME 355	Biocontrols	
BMME 365	(Linear Systems in Biomedical Engineering)	
	or BMME 41 Systems and Signals	
BMME 375	(Biomedical Microcontroller Applications)	
	or BMME 580 Microcontroller Applications I	
BMME 385	(Bioinstrumentation)	
	or BMME 46 Biomedical Instrumentation I	

Students should take the following courses, preferably in their final year:

BMME 697	Senior Design Project I (BME 451)	3
BMME 698	Biomedical Engineering Senior Design II (BME 452)	3
Four electives from no more than two specialization areas		12
Engineering elective - an upper level (300 or greater) engineering course		3
<b>Additional Requirements</b>		
Students should take the following courses, preferably in their first two years:		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory (BIO 183) <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (CH 101 + 102)	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II (CH 201 + 202) <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I (CH 221 + CH 222) <sup>H</sup>	3
MATH 231	Calculus of Functions of One Variable I (MA 141) <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II (MA 241) <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables (MA 242) <sup>H</sup>	4
MATH 383 & 383L	First Course in Differential Equations and First Course in Differential Equations Laboratory <sup>H</sup>	4
PHYS 116	Mechanics (PY 205 + 206) <sup>H</sup>	4
	or PHYS 118 Introductory Calculus-based Mechanics and Relativity	
PHYS 117	Electromagnetism and Optics (PY 208 + 209) <sup>H</sup>	4
	or PHYS 119 Introductory Calculus-based Electromagnetism and Quanta	
Remaining General Education (p. 27) courses and electives to reach 124 hours		28
Total Hours		124

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Students must satisfy all Foundations, Approaches, and Connections requirements, as outlined elsewhere in this catalog. Some General Education requirements should be met with specific courses as listed above.

### Biosignals and Imaging

Code	Title	Hours
<b>UNC Campus</b>		
BMME 461	Introduction to Medical Imaging	3
BMME 576	Mathematics for Image Computing	3
BMME 581	Microcontroller Applications II	3
MATH 528	Mathematical Methods for the Physical Sciences I	3
<b>N.C. State Campus</b>		
BME 412	Biomedical Signal Processing	3
ECE 455	Computer Control of Robots	3
ECE 456	Mechatronics	3
ECE 461	Embedded Systems	3

## Medical Microdevices

Code	Title	Hours
<b>UNC Campus</b>		
BMME 441	Thermal Physics (or MAE 201, or MSE 301)	3
BMME 455	Biofluid Mechanics (or MAE 308, or CE 382)	3
BMME 581	Microcontroller Applications II	3
<b>N.C. State Campus</b>		
BME 412	Biomedical Signal Processing	3
BME 418	Wearable Biosensors	3
BME 522	Medical Instrumentation	3
BME 536	Digital Control Systems	3
ECE 505	Neural Interface Engineering	3
E 304	Intro to Nano Science and Technology	3

## Regenerative Medicine

Code	Title	Hours
<b>UNC Campus</b>		
BMME 420	Introduction to Synthetic Biology	3
BMME 441	Thermal Physics (or MAE 201, or MSE 301)	3
BMME 455	Biofluid Mechanics (or MAE 308, or CE 382)	3
BMME 470	Tissue Engineering	3
PHYS 405	Biological Physics	3
<b>N.C. State Campus</b>		
BME 462	Biomaterials Characterization	3
BME 484	Fundamentals of Tissue Engineering	3
BIT 466 & BME 483	Animal Cell Culture; Tissue Engineering Technologies	2+2
TE 463	Polymer Engineering	3

## Rehabilitation Engineering

Code	Title	Hours
<b>UNC Campus</b>		
BMME 405	Biomechanics of Movement	3
BMME 445	Systems Neuroscience	3
BMME 447	Neural Basis of Rehabilitation Engineering	3
BMME 505	Skeletal Biomechanics	3
<b>N.C. State Campus</b>		
BME 418	Wearable Biosensors	3
BME 425	Bioelectricity	3
BME 444	Orthopedic Biomechanics	3
BME 467	Mechanics of Tissues and Implants Requirements	3

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
BMME 101	Frontiers of Biomedical Engineering <sup>1</sup>	1
MATH 231	Calculus of Functions of One Variable I <sup>2, H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>2, H</sup>	4
PHYS 116	Mechanics <sup>2, H</sup>	4
or PHYS 118	or Introductory Calculus-based Mechanics and Relativity	
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>2</sup>	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric <sup>3</sup>	3
	Foreign Language level 3	3
	Approaches (p. 27) and Connections (p. 27) (1 course)	3
	Lifetime Fitness	1
Hours		31
<b>Sophomore Year</b>		
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383 & 383L	First Course in Differential Equations and First Course in Differential Equations Laboratory <sup>H</sup>	4
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
or PHYS 119	or Introductory Calculus-based Electromagnetism and Quanta	
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
BMME 298	BME Design and Manufacturing I	2
or BMME 210	or BME Design and Manufacturing I	
COMP 116	Introduction to Scientific Programming	3
or BMME 201	or Computer Methods in Biomedical Engineering	
BMME 205	Introduction to Biomedical Mechanics (Fall only)	4
or BMME 150	or Introduction to Materials Science <b>and</b> Biomedical Mechanics Lab	
<b>and</b> BMME 215L		
BMME 209	Introduction to the Materials Science of Biomaterials (Spring only)	4
or BMME 150	or Introduction to Materials Science <b>and</b> Materials Science of Biomaterials Lab	
<b>and</b> BMME 219L		
Hours		32
<b>Junior Year</b>		
BMME 207	Biomedical Electronics (Fall only)	4
or BMME 350	or Electronics for Biomedical Engineers	
BMME 301	Human Physiology: Electrical Analysis (Spring only)	4
or BMME 351	or Human Physiology and Biological Measurements for Engineers	
BMME 302	Human Physiology: Mechanical Analysis (Fall only)	4



BMME 398	BME Design and Manufacturing II	2
or	or BME Design and Manufacturing II	
BMME 310		
BMME ---	Gateway elective I	3
BMME ---	Gateway elective 2	3
BMME ---	Gateway elective 3	3
Engineering Elective		3
Approaches (p. 27) and Connections (p. 27) (2 courses)		6
Hours		32
<b>Senior Year</b>		
BMME ---	Specialty Elective 1	3
BMME ---	Specialty Elective 2	3
BMME ---	Specialty Elective 3	3
BMME ---	Specialty Elective 4	3
BMME 697	Senior Design Project I (Fall only)	3
BMME 698	Biomedical Engineering Senior Design II (Spring only)	3
Remaining General Education (p. 27) courses and electives to reach 124 credits		12
Hours		30
Total Hours		125

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Strongly recommended, but not required.

<sup>2</sup> With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

<sup>3</sup> With a grade of C- or better. Transfer credit will be accepted according to university policies.

## Special Opportunities in Biomedical Engineering

### Honors in Biomedical and Health Sciences Engineering

Students who successfully complete a research project and have a sufficiently outstanding academic record are eligible for graduation with honors or highest honors. The requirements for graduation with honors or highest honors include

1. overall grade point average of 3.3 or higher;
2. completion of a two-semester research project, with course credit given in BMME 691H and BMME 692H;
3. presentation of the research to a committee of three faculty members, both as an oral presentation and a written honors thesis; and,
4. approval by that committee.

Additional requirements for BMME 691H and BMME 692H are given to students in those classes. For consideration for highest honors, the research project must be judged to be of publishable quality.

Students wishing to be considered for graduation with honors should apply to the director of undergraduate studies by September 15th. Additional information is sent to all students at the start of the fall semester.

## Departmental Involvement

Student organizations include the BME Club. This is an official UNC–Chapel Hill club that organizes speakers, outreach to industry and the medical school, and mentoring, among other activities. This is also a joint club with the BME students at North Carolina State University.

## Experiential Education

All students in biomedical engineering participate in a capstone design experience in which they develop a device or system that has biomedical applications. This project fulfills the General Education experiential education requirement. There are also opportunities for experiential education outside of the curriculum. These opportunities include Helping Hands, which develops 3-D printed prosthetic hands, and Engineering World Health, which develops medical equipment for under-resourced populations.

## Undergraduate Awards

Awards are given to students in the graduating class each spring.

## Undergraduate Research

Students are strongly encouraged to undertake a research project at any time during their education, but particularly during their junior and/or senior years. Through the challenge of a research project, students come face to face with the leading edge of an area, gain expertise with state-of-the-art techniques and instrumentation, and experience a professional scientific career firsthand. Many undergraduate students work in the research laboratories of BME faculty members. In addition, faculty across campus conduct BME-related research, and many undergraduate students take advantage of these research opportunities in the School of Medicine, School of Dentistry, School of Pharmacy, and in the Departments of Biology, Chemistry, Physics and Astronomy, Computer Science, and Exercise and Sport Science.

The BME department helps to coordinate research activities and facilitates connections between students and research laboratories. This is accomplished through communication via e-mail and the department Web site. Also, the department organizes laboratory open houses, enabling students to visit faculty laboratories and learn about their research opportunities. The UNC–Chapel Hill Office for Undergraduate Research is also an excellent resource for finding research opportunities.

# DEPARTMENT OF BIostatISTICS

## Contact Information

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**Michael R. Kosorok, Chair**

**Jane Monaco, Program Director**

[monaco@email.unc.edu](mailto:monaco@email.unc.edu)

## Introduction

The Department of Biostatistics in the Gillings School of Global Public Health was the first undergraduate program in the country to offer an undergraduate degree in biostatistics. The degree provides an excellent foundation for continued studies (primarily graduate school in biostatistics, analytics, medical school or closely related fields) and a strong foundation for employment for highly qualified students interested in quantitative methods applied to a variety of fields not limited to public health or medicine.

## Advising

The program director serves as the academic advisor for all biostatistics undergraduates. Undergraduate students are encouraged to meet regularly with the program director and review their Tar Heel Tracker each semester. In addition, they can also visit the Office of Student Services. Departmental academic advising is particularly important for those students who are considering proceeding to graduate school, double majoring, or pursuing the dual B.S.P.H.–M.S. degree. Further information may be obtained in the Academic Information Manual (<http://sph.unc.edu/bios/bios-degrees>).

## Facilities

The Department of Biostatistics has a student library, a student study room, and computer facilities for its students.

## Graduate School and Career Opportunities

In recent years, the majority of undergraduate biostatistics students from this program have chosen to attend medical school or graduate school in biostatistics (or other closely related fields) following graduation. More than 65 percent of recent graduates have entered medical school or graduate programs (primarily biostatistics) immediately following graduation. Recent graduates are attending top-ranked medical schools at Johns Hopkins University, Vanderbilt University, University of Virginia, Duke University, and UNC–Chapel Hill. Biostatistics graduate programs where students have matriculated immediately following completion of this undergraduate program include the University of Washington–Seattle, Harvard, UNC–Chapel Hill, and the University of Michigan. Previous graduates who chose to seek employment have taken positions in the pharmaceutical industry, contract research organizations, and medical settings. Examples of employers of recent graduates include Duke Clinical Research Institute, Blue Cross Blue Shield, Rho, PPD, National Institutes of Environmental Health Science,

and Research Triangle Institute. Traditionally, career opportunities have been outstanding for skilled biostatisticians.

### Major

- Biostatistics Major, B.S.P.H. (p. 314)

## Professors

Jianwen Cai, Ding-Geng Chen, Jason P. Fine, Michael Hudgens, Joseph G. Ibrahim, Gary G. Koch, Michael R. Kosorok, Lisa M. Lavange, Danyu Lin, Yufeng Liu, James Marron, Andrew Nobel, Bahjat Qaqish, Richard Smith, Chirayath M. Suchindran, Kinh-Nhue Truong, Donglin Zeng, Haibo Zhou, Hongtu Zhu, Fei Zou.

## Associate Professors

Anastasia Ivanova, Yun Li.

## Assistant Professors

Yuchao Jiang, Qiefeng Li, Michael Love.

## Research Professors

Richard E. Bilsborrow, John S. Preisser Jr., Paul W. Stewart.

## Research Associate Professors

Eric Bair, Fang-Cheng Lin, Todd A. Schwartz, Xianming Tan.

## Research Assistant Professors

J.L. Crandell, Matthew Psioda, Naim Rashid, Daniela Sotres-Alvarez, Mark Weaver, Di Wu.

## Clinical Professor

David J. Couper.

## Clinical Associate Professors

Robert Agans, Jane Monaco.

## Clinical Assistant Professors

Annie Green Howard, Matthew Loop.

## Research Instructor

Katherine J. Roggenkamp.

## Adjunct Professors

Alan Karr, Herman Mitchell, Shyamal Peddada, Sonia Thomas, Clarice Weinberg.

## Adjunct Associate Professors

Georgy Bobashev, Brian Neelon, Wei Sun, William Valdar.

## Adjunct Assistant Professors

Matthew Biggs, Liddy Chen, Eric Laber, Jean Orelien, Sean Simpson, Shanshan Zhao, Richard Zink.

## Professors Emeriti

Shrikant Bangdiwala, Lloyd E. Chambless, Clarence E. Davis, Lloyd J. Edwards, James E. Grizzle, Ronald W. Helms, Lawrence L. Kupper, Keith

E. Muller, Dana E. Quade, Pranab K. Sen, Michael J. Symons, Craig D. Turnbull.

## BIOS–Biostatistics

### Undergraduate-level

#### BIOS 392. Undergraduate Internship. 1-3 Credits.

Academic credit for approved internship experience.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### BIOS 396. Readings in Biostatistics. 1-12 Credits.

Directed readings or laboratory study. May be taken more than once. Two to six laboratory hours a week.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level

#### BIOS 500H. Introduction to Biostatistics. 3 Credits.

Access to SAS, Excel required. Permission of instructor for nonmajors. Introductory course in probability, data analysis, and statistical inference designed for B.S.P.H. biostatistics students. Topics include sampling, descriptive statistics, probability, confidence intervals, tests of hypotheses, chi-square distribution, 2-way tables, power, sample size, ANOVA, non-parametric tests, correlation, regression, survival analysis.

**Requisites:** Prerequisite, MATH 231 and 232; corequisite, BIOS 511.

**Grading status:** Letter grade.

#### BIOS 511. Introduction to Statistical Computing and Data Management. 4 Credits.

Required preparation, previous or concurrent course in applied statistics. Permission of instructor for nonmajors. Introduction to use of computers to process and analyze data, concepts and techniques of research data management, and use of statistical programming packages and interpretation. Focus is on use of SAS for data management and reporting.

**Grading status:** Letter grade.

#### BIOS 540. Problems in Biostatistics. 1-15 Credits.

Arrangements to be made with the faculty in each case. A course for students of public health who wish to make a study of some special problem in the statistics of the life sciences and public health.

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### BIOS 540H. Problems in Biostatistics. 1-15 Credits.

Arrangements to be made with the faculty in each case. A course for students of public health who wish to make a study of some special problem in the statistics of the life sciences and public health.

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### BIOS 545. Principles of Experimental Analysis. 3 Credits.

Permission of the instructor for nonmajors. Required preparation, basic familiarity with statistical software (preferably SAS able to do multiple linear regression) and introductory biostatistics, such as BIOS 600. Continuation of BIOS 600. Analysis of experimental and observational data, including multiple regression and analysis of variance and covariance.

**Grading status:** Letter grade.

#### BIOS 550. Basic Elements of Probability and Statistical Inference I. 4 Credits.

Required preparation, two semesters of calculus (such as MATH 231, 232). Fundamentals of probability; discrete and continuous distributions; functions of random variables; descriptive statistics; fundamentals of statistical inference, including estimation and hypothesis testing.

**Grading status:** Letter grade

**Same as:** GNET 636.

#### BIOS 600. Principles of Statistical Inference. 3 Credits.

Required preparation, knowledge of basic descriptive statistics. Major topics include elementary probability theory, probability distributions, estimation, tests of hypotheses, chi-squared procedures, regression, and correlation.

**Grading status:** Letter grade.

#### BIOS 610. Introductory Statistics for Laboratory Scientists. 2 Credits.

This course introduces the basic concepts and methods of statistics with emphasis on applications in the experimental biological sciences. Students should have a basic understanding of algebra and arithmetic. No previous background in probability or statistics is required, nor is experience with statistical computing.

**Grading status:** Letter grade

**Same as:** BBSP 610.

#### BIOS 611. Introduction to Data Science. 3 Credits.

Topics will include gaining proficiency with R and Python, data wrangling, data quality control and cleaning, data visualization, exploratory data analysis, and introductory applied optimization, with an overall emphasis on the principles of good data science, particularly reproducible research. Some emphasis will be given to large data settings such as genomics or claims data. The course will also develop familiarity with software tools for data science best practices, such as Git, Docker, Jupyter, and Nextflow.

**Requisites:** Prerequisites, MATH 232 and 416, and STOR 151.

**Grading status:** Letter grade.

#### BIOS 660. Probability and Statistical Inference I. 3 Credits.

Required preparation, three semesters of calculus (such as MATH 231, 232, 233). Introduction to probability; discrete and continuous random variables; expectation theory; bivariate and multivariate distribution theory; regression and correlation; linear functions of random variables; theory of sampling; introduction to estimation and hypothesis testing.

**Grading status:** Letter grade.

#### BIOS 661. Probability and Statistical Inference II. 3 Credits.

Distribution of functions of random variables; Helmer transformation theory; central limit theorem and other asymptotic theory; estimation theory; maximum likelihood methods; hypothesis testing; power; Neyman-Pearson Theorem, likelihood ratio, score, and Wald tests; noncentral distributions.

**Requisites:** Prerequisite, BIOS 660; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

#### BIOS 662. Intermediate Statistical Methods. 4 Credits.

Principles of study design, descriptive statistics, sampling from finite and infinite populations, inferences about location and scale. Both distribution-free and parametric approaches are considered. Gaussian, binomial, and Poisson models, one-way and two-way contingency tables.

**Requisites:** Pre- or corequisites, BIOS 511 and 550.

**Grading status:** Letter grade.

**BIOS 663. Intermediate Linear Models. 4 Credits.**

Required preparation, BIOS 662. Matrix-based treatment of regression, one-way and two-way ANOVA, and ANCOVA, emphasizing the general linear model and hypothesis, as well as diagnostics and model building. Reviews matrix algebra. Includes statistical power for linear models and binary response regression methods.

**Grading status:** Letter grade.

**BIOS 664. Sample Survey Methodology. 4 Credits.**

Fundamental principles and methods of sampling populations, with emphasis on simple, random, stratified, and cluster sampling. Sample weights, nonsampling error, and analysis of data from complex designs are covered. Practical experience through participation in the design, execution, and analysis of a sampling project.

**Requisites:** Prerequisite, BIOS 550; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade

**Same as:** STOR 358.

**BIOS 665. Analysis of Categorical Data. 3 Credits.**

Introduction to the analysis of categorized data: rates, ratios, and proportions; relative risk and odds ratio; Cochran-Mantel-Haenszel procedure; survivorship and life table methods; linear models for categorical data. Applications in demography, epidemiology, and medicine.

**Requisites:** Prerequisites, BIOS 545, 550, and 662; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**BIOS 667. Applied Longitudinal Data Analysis. 3 Credits.**

Analysis of variance and multiple linear regression course at the level of BIOS 545 or 663 required. Familiarity with matrix algebra recommended. Univariate and multivariate repeated measures ANOVA, GLM for longitudinal data, linear mixed models. Estimation and inference, maximum and restricted maximum likelihood, fixed and random effects.

**Grading status:** Letter grade.

**BIOS 668. Design of Public Health Studies. 3 Credits.**

Statistical concepts in basic public health study designs: cross-sectional, case-control, prospective, and experimental (including clinical trials). Validity, measurement of response, sample size determination, matching and random allocation methods.

**Requisites:** Prerequisites, BIOS 545 and 550.

**Grading status:** Letter grade.

**BIOS 669. Working with Data in a Public Health Research Setting. 3 Credits.**

Provides a foundation and training for working with data from clinical trials or research studies. Topics: issues in study design, collecting quality data, using SAS and SQL to transform data, typical reports, data closure and export, and working with big data.

**Requisites:** Prerequisite, BIOS 511 or EPID 700; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOS 670. Demographic Techniques I. 3 Credits.**

Source and interpretation of demographic data; rates and ratios, standardization, complete and abridged life tables; estimation and projection of fertility, mortality, migration, and population composition.

**Grading status:** Letter grade.

**BIOS 672. Probability and Statistical Inference I. 4 Credits.**

Required preparation, three semesters of calculus. Introduction to probability; discrete and continuous random variables; combinatorics; expectation; random sums, multivariate distributions; functions of random variables; theory of sampling; convergence of sequences, power series, types of convergence, L'Hopital's rule, differentiable functions, Lebesgue integration, Fubini's theorem, convergence theorems, complex variables, Laplace transforms, inversion formulas.

**Grading status:** Letter grade.

**BIOS 673. Probability and Statistical Inference II. 4 Credits.**

Distribution of functions of random variables; central limit theorem and other asymptotic theory; estimation theory; hypothesis testing; Neyman-Pearson Theorem, likelihood ratio, score, and Wald tests; noncentral distributions. Advanced problems in statistical inferences, including information inequality, best unbiased estimators, Bayes estimators, asymptotically efficient estimation, nonparametric estimation and tests, simultaneous confidence intervals.

**Requisites:** Prerequisite, BIOS 660; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOS 680. Introductory Survivorship Analysis. 3 Credits.**

Introduction to concepts and techniques used in the analysis of time to event data, including censoring, hazard rates, estimation of survival curves, regression techniques, applications to clinical trials.

**Requisites:** Prerequisite, BIOS 661; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**BIOS 690. Special Topics in Biostatistics. 1-3 Credits.**

Field/topical/research seminar. Instructors use this course to offer instruction in particular topics or approaches.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**BIOS 691. Field Observations in Biostatistics. 1 Credit.**

Field visits to, and evaluation of, major nonacademic biostatistical programs in the Research Triangle area. Field fee: \$25.

**Grading status:** Letter grade.

**BIOS 693H. Honors Research in Biostatistics. 3 Credits.**

Directed research. Written and oral reports required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**BIOS 694H. Honors Research in Biostatistics. 3 Credits.**

Directed research. Written and oral reports required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Biostatistics Major, B.S.P.H.

### Contact Information

**Department of Biostatistics**

Visit Program Website (<http://www.sph.unc.edu/bios>)

3103 McGavran-Greenberg Hall, CB# 7429

(919) 966-7262

**Michael R. Kosorok, Chair**

**Jane Monaco, Program Director**

monaco@email.unc.edu

Biostatistics is a discipline concerned with the improvement of human health through the application and advancement of statistical science. The curriculum consists of a strong mathematical foundation; advanced coursework in statistical applications, theory, and computing; and an understanding of the public health sciences.

The Department of Biostatistics in the Gillings School of Global Public Health was the first undergraduate program in the country to offer an undergraduate degree in biostatistics. The undergraduate major in biostatistics prepares students to apply quantitative methods to design studies, implement methods, analyze data, and interpret results across a range of disciplines. The degree provides an excellent foundation for continued studies (primarily graduate school in biostatistics, statistics, data science, or medical school) and a strong foundation for employment for highly qualified students interested in quantitative methods applied to a variety of fields not limited to public health or medicine.

Admission (p. 932) to the program is required.

## Student Learning Outcomes

Upon completion of the biostatistics program, students should be able to:

- Demonstrate familiarity with elementary statistical theory
- Formulate and perform a descriptive and inferential analyses of a public health or other study using software
- Interpret the findings from a moderately complex analysis
- Design an experiment or observational study
- Design survey sampling schemes appropriate for public health or other disciplines and demonstrate skills to analyze a survey
- Demonstrate knowledge of environmental sciences, health policy management, health behavior and health education, and epidemiology

## Requirements

In addition to the program requirements listed below, students must:

- attain a final cumulative grade point average of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a C (not C-) or better in prerequisite, core public health, and department-required courses

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Public health core courses:		
ENVR 600	Environmental Health	3
EPID 600	Principles of Epidemiology for Public Health	3
HBEH 600	Social and Behavioral Sciences in Public Health	3
HPM 600	Introduction to Health Policy and Management	3
Other core courses:		
BIOS 500H	Introduction to Biostatistics	3
BIOS 511	Introduction to Statistical Computing and Data Management	4
BIOS 545	Principles of Experimental Analysis	3

BIOS 550	Basic Elements of Probability and Statistical Inference I	4
BIOS 664	Sample Survey Methodology	4
BIOS 668	Design of Public Health Studies	3
BIOS 691	Field Observations in Biostatistics	1
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H</sup>	4
COMP 110	Introduction to Programming <sup>1, H</sup>	3
or COMP 116	Introduction to Scientific Programming	
MATH 231	Calculus of Functions of One Variable I <sup>1, H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H</sup>	4
BIOL 201	Ecology and Evolution <sup>2, H</sup>	4
or BIOL 202	Molecular Biology and Genetics	
MATH 381	Discrete Mathematics <sup>H</sup>	3
or STOR 215	Foundations of Decision Sciences	
MATH 521	Advanced Calculus I <sup>H</sup>	3
or MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 547	Linear Algebra for Applications	3
Total Hours		66

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Required before matriculation into the program

<sup>2</sup> Have prerequisites, BIOL 101 and CHEM 101 or CHEM 102

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Hours		12
<b>Sophomore Year</b>		
COMP 110	Introduction to Programming <sup>H</sup>	3
or	or Introduction to Scientific Programming	
COMP 116		
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Hours		7



**Junior Year****Fall Semester**

BIOS 500H	Introduction to Biostatistics (fall only)	3
BIOS 511	Introduction to Statistical Computing and Data Management (fall only)	4
MATH 381 or STOR 215	Discrete Mathematics <sup>H</sup> or Foundations of Decision Sciences	3
HBEH 600	Social and Behavioral Sciences in Public Health	3
Hours		13

**Spring Semester**

BIOS 545	Principles of Experimental Analysis (spring only)	3
MATH 521 or MATH 528	Advanced Calculus I <sup>H</sup> or Mathematical Methods for the Physical Sciences I	3
EPID 600	Principles of Epidemiology for Public Health	3
Hours		9

**Senior Year****Fall Semester**

BIOS 550	Basic Elements of Probability and Statistical Inference I (fall only)	4
BIOS 691	Field Observations in Biostatistics (fall only)	1
MATH 547	Linear Algebra for Applications	3
ENVR 600	Environmental Health	3
Hours		11

**Spring Semester**

BIOS 664	Sample Survey Methodology (spring only)	4
BIOS 668	Design of Public Health Studies (spring only)	3
BIOL 201 or BIOL 202	Ecology and Evolution <sup>H</sup> or Molecular Biology and Genetics	4
HPM 600	Introduction to Health Policy and Management	3
Hours		14
Total Hours		66

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in the Department of Biostatistics

### Dual Bachelor's–Master's Degree Program

Undergraduate students with appropriate math and biostatistics backgrounds have the opportunity to pursue a dual bachelor's–graduate degree. This dual B.S.P.H.–M.S. program identifies a coherent course of study for students to complete some of the M.S. degree requirements in biostatistics while pursuing a B.S.P.H. degree with a major in biostatistics. More information is available on the department Web site (<http://sph.unc.edu/bios/faqs-undergraduates-2>).

### Honors in Biostatistics

The Department of Biostatistics offers an honors program in which undergraduates can pursue individualized study and undertake a special project. Students who have a grade point average of 3.3 or higher are eligible to participate in honors research and write an honors thesis.

Faculty members' readiness to guide the students in their honors work governs the final selection of those allowed to enter the program. Students completing an honors program must register for BIOS 693H and BIOS 694H.

### Experiential Education

The required course, BIOS 664, fulfills the General Education experiential education requirement. In addition, students are required to take BIOS 691 (usually during the fall semester of the senior year). This course consists of an orientation to and observation of six or more major nonacademic institutions in North Carolina's Research Triangle Park area that employ biostatisticians, including contract research organizations and nonprofit companies. BIOS 691 does not fulfill the General Education experiential education requirement.

### Laboratory Teaching Internships and Assistantships

Students are encouraged to investigate part-time employment during the academic year and full-time employment during the summer after their junior year with members of our faculty and their collaborators on current research and service projects.

### Study Abroad

Students are encouraged to participate in the University's study abroad programs in the summers or before matriculating to the B.S.P.H. in biostatistics program. Identification of a study abroad program early in the student's career is necessary for course planning purposes.

### Undergraduate Awards

The Theta Chapter of Delta Omega honors up to two students among the department's graduates with an award of excellence. Awards are presented in the spring as part of the biostatistics awards ceremony. Among the recent graduates, a notable proportion of students have been inducted into Phi Beta Kappa.

### Undergraduate Research

Students are encouraged to consider doing senior honors research and should consult individual faculty members for opportunities. However, some students choose to take advantage of the myriad part-time employment opportunities with our faculty members on their research and service projects or opportunities within nearby Research Triangle Park.

# DEPARTMENT OF CELL BIOLOGY AND PHYSIOLOGY

## Contact Information

### Department of Cell Biology and Physiology

Visit Program Website (<http://www.med.unc.edu/cellbiophysio>)  
5200 Medical Biomolecular Research Building, CB# 7545  
(919) 966-5241

### Kathleen Caron, Chair

[kathleen\\_caron@med.unc.edu](mailto:kathleen_caron@med.unc.edu)

The Department of Cell Biology and Physiology in the UNC School of Medicine was formed in July 2012 through the merger of the Department of Cell and Developmental Biology and the Department of Cell and Molecular Physiology. The department offers courses for premedical, predoctoral, nursing, pharmacy, physical therapy, and allied health students, as well as students pursuing science majors. However, the department does not offer a formal program leading to an undergraduate degree. Students interested in independent research may register for PHYI 395 for directed readings or laboratory study with a member of the faculty. The following courses are open to undergraduate students majoring in the sciences.

### Graduate Programs

- M.S. in Cell Biology and Physiology (<http://catalog.unc.edu/graduate/schools-departments/cell-biology-physiology>)
- Ph.D. in Cell Biology and Physiology (<http://catalog.unc.edu/graduate/schools-departments/cell-biology-physiology>)

Subjects in this department include: Cell and Development Biology (CBIO) and Physiology (PHYI).

## Graduate-level Courses

**CBIO 993. Master's Research and Thesis. 3 Credits.**

**CBIO 994. Doctoral Research and Dissertation. 3 Credits.**

## PHYI

### Undergraduate-level Courses

**PHYI 50. First-Year Seminar: Human Physiology. 3 Credits.**

Clinical cases are used to introduce the study of physiology. Students develop learning objectives and research selected topics in health and disease. Final class project is a group endeavor.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PHYI 292. Introduction to Physiology. 5 Credits.**

A course in human physiology exploring physiological processes from molecular to organ systems levels including regulation and interrelationships. Five lecture hours a week.

**Requisites:** Prerequisites, CHEM 101 and 102 (or BIOC 107 and 108) and BIOL 252.

**Grading status:** Letter grade.

**PHYI 395. Undergraduate Research in Physiology. 1-6 Credits.**

Permission of the instructor. Directed readings or laboratory study on a selected topic. Final written report required in each term. At least three hours of independent work per week for each unit of credit.

**Requisites:** Prerequisites, BIOL 101/101L and CHEM 101/101L.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

**PHYI 643. Cell Structure, Function, and Growth Control I. 3 Credits.**

Comprehensive introduction to cell structure, function, and transformation.

**Requisites:** Prerequisite, undergraduate cell biology or biochemistry or permission of the instructor.

**Grading status:** Letter grade

**Same as:** CBIO 643, BIOC 643, PHCO 643.

### Graduate-Level Courses

**PHYI 993. Master's Research and Thesis. 3 Credits.**

**PHYI 994. Doctoral Research and Dissertation. 3 Credits.**

# DEPARTMENT OF CHEMISTRY

## Contact Information

### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)

Caudill and Kenan Laboratories, CB# 3290

(919) 843-7100

**Jeffrey S. Johnson, Chair**

**Andrew Moran, Director of Undergraduate Studies**

[ammoran@email.unc.edu](mailto:ammoran@email.unc.edu)

**Donnyell Batts and Jill Fallin, Chemistry Student Services Coordinators**

[chemus@unc.edu](mailto:chemus@unc.edu)

## Introduction

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. Classically, chemistry is divided into several subdisciplines. Organic chemistry deals primarily with carbon compounds; inorganic chemistry, with compounds of the other elements. Physical chemistry seeks to describe relationships between the chemical and physical properties of all substances.

Analytical chemistry studies the analysis of the chemical composition of all substances. Biological chemistry pursues the chemistry of living organisms. At the borders of these subdisciplines are many hybrid areas of study: physical organic, organometallic, bioinorganic, and others. At the interface of chemistry with other sciences, several active fields are fueled by insights gained from two ways of thinking about things: for example, chemical physics, chemical biology, organic geochemistry, and the extensive chemical problems in biotechnology, nanotechnology, material sciences, and molecular medicine. In all of these areas the chemist's approach may be theoretical, experimental, or both.

All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. Toward the end of students' progress through their four years of undergraduate study, they may choose to concentrate in one or more areas of chemistry through the courses selected to fulfill the chemistry elective requirements and through undergraduate research.

## Advising

Faculty advisors are available in the Department of Chemistry for both walk-in meetings and scheduled advising appointments. The departmental advisors assist students with a variety of areas: course planning for the chemistry major, career/graduate school planning, study abroad opportunities, undergraduate research opportunities, and how to deal with academic difficulties. Chemistry majors are required to meet with a departmental advisor by appointment prior to registering for any semester beyond the fourth term in residence. The faculty advisors also schedule many events for the majors.

## Graduate School and Career Opportunities

An undergraduate degree tailored according to the student's interests can open doors to graduate programs in many academic disciplines: chemistry, environmental science, materials science, polymer science, chemical engineering, geochemistry, chemical physics, and several disciplines at the interface between biology and chemistry. A technically oriented administrator in the chemical industry might choose to obtain

a master's degree in business administration. More than 100 schools in the United States offer graduate programs in chemistry and related areas, and the usual practice is to complete a graduate degree at an institution different from the undergraduate institution. It is necessary to specialize in graduate study, either within one of the branches previously mentioned or at the interface between two of them. A student admitted to a graduate program in chemistry in the United States is usually offered a teaching assistantship or fellowship.

Chemists have a wide choice of academic, governmental, or industrial positions. By far the greatest percentage accept industrial positions, mostly in chemical manufacturing or the petroleum, food, and pharmaceutical industries, where they may be developing new products to benefit humanity or assessing the level of risk in the processes for some proposed production methods, for example. Most government chemists are employed in agriculture, health, energy, environmental, and defense-related areas. In the academic field, with such a broad spectrum of colleges and universities in this country, chemists can set career goals with varying levels of emphasis on training students in research and teaching in the classroom and instructional laboratory.

### Majors

- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.—Biochemistry Track (p. 330)
- Chemistry Major, B.S.—Polymer Track (p. 333)

### Minor

- Chemistry Minor (p. 337)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)

## Professors

Nancy L. Allbritton, Jeffrey Aubé, Max L. Berkowitz, Michael T. Crimmins, Joseph M. DeSimone, Dorothy A. Erie, Michel R. Gagné, Gary L. Glish, Jeffrey S. Johnson, James W. Jorgenson, David S. Lawrence, Gerald J. Meyer, Thomas J. Meyer, John M. Papanikolas, Gary J. Pielak, J. Michael Ramsey, Matthew R. Redinbo, Mark H. Schoenfisch, Sergey S. Sheiko, Joseph L. Templeton, Nancy L. Thompson, Marcey L. Waters, Kevin M. Weeks, Wei You.

## Associate Professors

Erik J. Alexanian, James F. Cahoon, Yosuke Kanai, Andrew M. Moran, David A. Nicewicz, Cindy K. Schauer.

## Assistant Professors

Joanna M. Atkin, Eric M. Brustad, Jillian L. Dempsey, Jeffrey E. Dick, Leslie M. Hicks, Abigail Knight, Frank A. Leibfarth, Bo Li, Matthew R. Lockett, Simon J. Meek, Alexander J.M. Miller, Scott C. Warren.

## Teaching Professor

Todd L. Austell.

## Teaching Associate Professors

Brian P. Hogan, Domenic J. Tiani.

## Teaching Assistant Professors

Josua E. Beaver, Carribeth L. Bliem, Thomas C. Freeman, Cheryl Moy, Danielle Zurcher.

## Course Sequencing

Careful attention should be given to prerequisites and course timing when planning a long-term schedule. A C- or better grade in CHEM 101 is required to continue into CHEM 102/CHEM 102L. CHEM 102 is a prerequisite for CHEM 241/CHEM 241L, CHEM 251, and CHEM 261. A C- or better grade in CHEM 102 is required to continue into ANY higher-level chemistry course. A C- or better grade in CHEM 261 is a prerequisite for CHEM 262, and CHEM 241L is a prerequisite for CHEM 262L. Students intending to take pregraduate or preprofessional exams (such as the GRE or MCAT) should plan accordingly.

## CHEM—Chemistry

### Undergraduate-level Courses

#### **CHEM 70. First-Year Seminar: You Don't Have to Be a Rocket Scientist. 3 Credits.**

The goal of this seminar is to develop tools for extracting information from or finding flaws in news reports and popular science writing. Group work on such issues as biomass fuels, the hydrogen economy, and other alternative energy sources will develop an understanding of their economic and environmental impact.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **CHEM 71. First-Year Seminar: Foundations of Chemistry: A Historical and Modern Perspective. 3 Credits.**

Students will learn about ways in which scientists think. They will explore how new knowledge is generated and examine the impact of science on society. Topics to be considered include the nature of gases, atomic structure and radioactivity, and molecules and the development of new materials.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **CHEM 72. First-Year Seminar: From Imagination to Reality: Idea Entrepreneurism in Science, Business, the Arts. 3 Credits.**

Bringing ideas to fruition is a multistep process. In the present knowledge economy, high value is placed on individuals who both formulate new concepts and bring them to reality. This process requires a number of important skills that will be explored in this course.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **CHEM 73. First-Year Seminar: From Atomic Bombs to Cancer Treatments: The Broad Scope of Nuclear Chemistry. 3 Credits.**

A course engaging the topic of nuclear chemistry on the introductory chemistry course level (e.g., CHEM 101/102). Atomic structure, nuclear fission, and nuclear fusion processes will be introduced to provide the background necessary to understand applications of the processes. Applications discussed will include power generation, medical treatments, weapons, and more.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **CHEM 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### **CHEM 101. General Descriptive Chemistry I. 3 Credits.**

The first course in a two-semester sequence. See also CHEM 102. Atomic and molecular structure, stoichiometry and conservation of mass, thermochemical changes and conservation of energy.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** PX.

**Grading status:** Letter grade.

#### **CHEM 101L. Quantitative Chemistry Laboratory I. 1 Credit.**

Computerized data collection, scientific measurement, sensors, thermochemistry, spectroscopy, and conductometric titration. Laptop computer required. One four-hour laboratory a week.

**Requisites:** Pre- or corequisite, CHEM 101.

**Grading status:** Letter grade.

#### **CHEM 102. General Descriptive Chemistry II. 3 Credits.**

C- or better required in CHEM 101. The course is the second in a two-semester sequence. See also CHEM 101. Gases, intermolecular forces, solutions, reaction rates, chemical equilibria including acid-base chemistry, thermochemistry, electrochemistry.

**Requisites:** Prerequisites, CHEM 101 and 101L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

#### **CHEM 102L. Quantitative Chemistry Laboratory II. 1 Credit.**

Computerized data collection, gas laws, intermolecular forces, redox reactions, chemical kinetics, and acid-base titrations. Laptop computer required. One four-hour laboratory a week.

**Requisites:** Prerequisite, CHEM 101L; pre- or corequisite, CHEM 102 or 102H.

**Grading status:** Letter grade.

#### **CHEM 102H. General Descriptive Chemistry II. 3 Credits.**

C- or better required in CHEM 101. The course is the second in a two-semester sequence. See also CHEM 101. Gases, intermolecular forces, solutions, reaction rates, chemical equilibria including acid-base chemistry, thermochemistry, electrochemistry.

**Requisites:** Prerequisites, CHEM 101 and 101L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

#### **CHEM 105L. Advanced Quantitative Chemistry Laboratory. 1 Credit.**

#### **CHEM 190. Special Topics in Chemistry. 3 Credits.**

An undergraduate seminar course that is designated to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in chemistry. This course does not count as credit towards the chemistry major.

**Grading status:** Letter grade.

**CHEM 200. Extraordinary Chemistry of Ordinary Things. 3 Credits.**

Coregistration in CHEM 200 and 101L fulfills the physical and life science with a laboratory requirement (PX). This course helps students understand the chemistry behind important societal issues and the consequences of actions aimed at addressing the issues. Students who have taken CHEM 200 cannot take CHEM 101 for credit.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**CHEM 241. Modern Analytical Methods for Separation and Characterization. 2 Credits.**

C- or better required in prerequisite. Analytical separations, chromatographic methods, spectrophotometry, acid-base equilibria and titrations, fundamentals of electrochemistry.

**Requisites:** Prerequisite, CHEM 102 or 102H.

**Grading status:** Letter grade.

**CHEM 241L. Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds. 1 Credit.**

Applications of separation and spectrophotometric techniques to organic compounds, including some of biological interest. One three-hour laboratory a week. Students may not receive credit for both CHEM 241L and CHEM 245L.

**Requisites:** Prerequisite, CHEM 102L; pre- or corequisite, CHEM 241 or 241H.

**Grading status:** Letter grade.

**CHEM 241H. Modern Analytical Methods for Separation and Characterization. 2 Credits.**

C- or better required in prerequisite. Analytical separations, chromatographic methods, spectrophotometry, acid-base equilibria and titrations, fundamentals of electrochemistry.

**Requisites:** Prerequisite, CHEM 102 or 102H.

**Grading status:** Letter grade.

**CHEM 245L. Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound. 1 Credit.**

Applications of separation and spectrophotometric techniques to samples from the real world, including some of biological interest. Final portion of course consists of group research projects presented to the Department of Chemistry in poster session format. Honors equivalent of CHEM 241L. Students may not receive credit for both CHEM 241L and CHEM 245L. One three-hour laboratory each week.

**Requisites:** Prerequisite, CHEM 102L; pre- or corequisite, CHEM 241H.

**Grading status:** Letter grade.

**CHEM 251. Introduction to Inorganic Chemistry. 2 Credits.**

C- or better required in prerequisite. Chemical periodicity, introductory atomic theory and molecular orbital theory, structure and bonding in solids, descriptive nonmetal chemistry, structures and reactions of transition metal complexes, applications of inorganic complexes and materials.

**Requisites:** Prerequisite, CHEM 102 or 102H.

**Grading status:** Letter grade.

**CHEM 261. Introduction to Organic Chemistry I. 3 Credits.**

C- or better required in prerequisite. Molecular structure and its determination by modern physical methods, correlation between structure and reactivity and the theoretical basis for these relationships, classification of reaction types exhibited by organic molecules using as examples molecules of biological importance.

**Requisites:** Prerequisite, CHEM 102 or 102H.

**Grading status:** Letter grade.

**CHEM 261H. Introduction to Organic Chemistry I. 3 Credits.**

C- or better required in prerequisite. Molecular structure and its determination by modern physical methods, correlation between structure and reactivity and the theoretical basis for these relationships, classification of reaction types exhibited by organic molecules using as examples molecules of biological importance.

**Requisites:** Prerequisite, CHEM 102 or 102H.

**Grading status:** Letter grade.

**CHEM 262. Introduction to Organic Chemistry II. 3 Credits.**

C- or better required in prerequisite. Continuation of CHEM 261, with particular emphasis on the chemical properties of organic molecules of biological importance.

**Requisites:** Prerequisite, CHEM 261 or 261H.

**Grading status:** Letter grade.

**CHEM 262L. Laboratory in Organic Chemistry. 1 Credit.**

Continuation of CHEM 241L or 245L with particular emphasis on organic chemistry synthesis protocols, separation techniques, and compound characterization using modern spectroscopic instrumentation. This course serves as an organic chemistry laboratory for premedical and predoctoral students. Students may not receive credit for both CHEM 262L and CHEM 263L. One three-hour laboratory each week.

**Requisites:** Prerequisites, CHEM 102L, and CHEM 241L or 245L; pre- or corequisite, CHEM 262 or 262H.

**Grading status:** Letter grade.

**CHEM 262H. Introduction to Organic Chemistry II. 3 Credits.**

C- or better required in prerequisite. Continuation of CHEM 261, with particular emphasis on the chemical properties of organic molecules of biological importance.

**Requisites:** Prerequisite, CHEM 261 or 261H.

**Grading status:** Letter grade.

**CHEM 263L. Honors Laboratory in Organic Chemistry. 1 Credit.**

Permission of the instructor for students lacking CHEM 262H. Continuation of CHEM 245L with particular emphasis on organic chemistry synthesis protocols, separation techniques, and compound characterization using modern spectroscopic instrumentation. An organic chemistry laboratory for premedical and predoctoral students. Honors equivalent of CHEM 262L. Students may not receive credit for both CHEM 262L and CHEM 263L. One three-hour laboratory each week.

**Requisites:** Prerequisites, CHEM 102L, and CHEM 241L or 245L; pre- or corequisite, CHEM 262H.

**Grading status:** Letter grade.

**CHEM 290. Special Topics in Chemistry. 1-3 Credits.**

Elective topics in the field of chemistry. This course has variable content and may be taken multiple times for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**CHEM 291. Seminar on Academic Mentoring. 1-3 Credits.**

Permission of the instructor. GPA above 3.0 required. Experience includes academic mentoring for small groups, preparing review sessions, and facilitating lecture hall activity. Direct instruction in pedagogy, leadership, communication, and group dynamics. Does not fulfill chemistry major requirements.

**Requisites:** Prerequisites, CHEM 102 or 102H, and MATH 231.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Pass/Fail.



**CHEM 395. Research in Chemistry for Undergraduates. 3 Credits.**

Required preparation, one CHEM course 420 or higher and permission of the instructor. For advanced chemistry and applied sciences majors conducting on-campus research. Students prepare a report for their faculty supervisor and present their work at a poster session. May count only once as a chemistry elective.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**CHEM 395H. Research in Chemistry for Undergraduates. 3 Credits.**

Required preparation, one CHEM course 420 or higher and permission of the instructor. For advanced chemistry and applied sciences majors conducting on-campus research. Students prepare a report for their faculty supervisor and present their work at a poster session. May count only once as a chemistry elective.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**CHEM 396. Special Problems in Chemistry. 1-3 Credits.**

Permission of the director of undergraduate studies. Literature or laboratory work equivalent of one to three hours each week.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**CHEM 396H. Special Problems in Chemistry. 1-3 Credits.**

Permission of the director of undergraduate studies. Literature or laboratory work equivalent of one to three hours each week.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**CHEM 397H. Honors Colloquium in Chemistry. 1 Credit.**

Weekly meetings complement research carried out under CHEM 395H.

Expands students' exposure to specialized areas of research through guided readings and seminars with invited speakers. Aids students in preparing their research for evaluation. CHEM 395H and 397H together can contribute no more than nine total hours toward graduation.

**Requisites:** Corequisite, CHEM 395H.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****CHEM 410. Instructional Methods in the Chemistry Classroom. 4 Credits.**

Permission of the instructor. This course explores secondary school chemical education through current chemical education theory and classroom teaching. Students will develop a comprehensive approach to teaching chemistry content through student-centered activities.

**Requisites:** Prerequisites, CHEM 241, 251, 262, and 262L.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**CHEM 420. Introduction to Polymer Chemistry. 3 Credits.**

Chemical structure and nomenclature of macromolecules, synthesis of polymers, characteristic polymer properties.

**Requisites:** Prerequisite, CHEM 261 or 261H; pre- or corequisites, CHEM 262 or 262H, and 262L or 263L.

**Grading status:** Letter grade

**Same as:** APPL 420.

**CHEM 421. Synthesis of Polymers. 3 Credits.**

Synthesis and reactions of polymers; various polymerization techniques.

**Requisites:** Prerequisites, CHEM 251 and 262 or 262H.

**Grading status:** Letter grade

**Same as:** APPL 421.

**CHEM 422. Physical Chemistry of Polymers. 3 Credits.**

Polymerization and characterization of macromolecules in solution.

**Requisites:** Prerequisites, CHEM 420 and 481.

**Grading status:** Letter grade

**Same as:** APPL 422.

**CHEM 423. Intermediate Polymer Chemistry. 3 Credits.**

Polymer dynamics, networks and gels.

**Requisites:** Prerequisite, CHEM 422.

**Grading status:** Letter grade

**Same as:** APPL 423.

**CHEM 425. Polymer Materials. 3 Credits.**

Solid-state properties of polymers; polymer melts, glasses and crystals.

**Requisites:** Prerequisite, CHEM 421 or 422.

**Grading status:** Letter grade.

**CHEM 430. Introduction to Biological Chemistry. 3 Credits.**

The study of cellular processes including catalysts, metabolism, bioenergetics, and biochemical genetics. The structure and function of biological macromolecules involved in these processes is emphasized.

**Requisites:** Prerequisites, BIOL 101, and CHEM 262 or 262H.

**Grading status:** Letter grade

**Same as:** BIOL 430.

**CHEM 430H. Introduction to Biological Chemistry. 3 Credits.**

The study of cellular processes including catalysts, metabolism, bioenergetics, and biochemical genetics. The structure and function of biological macromolecules involved in these processes is emphasized.

**Requisites:** Prerequisites, BIOL 101, and CHEM 262 or 262H.

**Grading status:** Letter grade

**Same as:** BIOL 430H.

**CHEM 431. Macromolecular Structure and Metabolism. 3 Credits.**

Structure of DNA and methods in biotechnology; DNA replication and repair; RNA structure, synthesis, localization and transcriptional regulation; protein structure/function, biosynthesis, modification, localization, and degradation.

**Requisites:** Prerequisites, BIOL 202 and CHEM 430.

**Grading status:** Letter grade.

**CHEM 432. Metabolic Chemistry and Cellular Regulatory Networks. 3 Credits.**

Biological membranes, membrane protein structure, transport phenomena; metabolic pathways, reaction themes, regulatory networks; metabolic transformations with carbohydrates, lipids, amino acids, and nucleotides; regulatory networks, signal transduction.

**Requisites:** Prerequisite, CHEM 430.

**Grading status:** Letter grade.

**CHEM 433. Transport in Biological Systems. 1 Credit.**

Permission of the instructor for undergraduates. Diffusion, sedimentation, electrophoresis, flow. Basic principles, theoretical methods, experimental techniques, role in biological function, current topics.

**Requisites:** Prerequisites, CHEM 430 and MATH 383.

**Grading status:** Letter grade.

**CHEM 441. Intermediate Analytical Chemistry. 2 Credits.**

Spectroscopy, electroanalytical chemistry, chromatography, thermal methods of analysis, signal processing.

**Requisites:** Prerequisites, CHEM 241, 241L, 262, and 480 or 481.

**Grading status:** Letter grade.

**CHEM 441L. Intermediate Analytical Chemistry Laboratory. 2 Credits.**

Experiments in spectroscopy, electroanalytical chemistry, chromatography, thermal methods of analysis, and signal processing. One four-hour laboratory a week and one one-hour lecture.

**Requisites:** Corequisite, CHEM 441.

**Grading status:** Letter grade.

**CHEM 444. Separations. 3 Credits.**

Theory and applications of equilibrium and nonequilibrium separation techniques. Extraction, countercurrent distribution, gas chromatography, column and plane chromatographic techniques, electrophoresis, ultracentrifugation, and other separation methods.

**Requisites:** Prerequisites, CHEM 441 and CHEM 480 or 481.

**Grading status:** Letter grade.

**CHEM 445. Electroanalytical Chemistry. 3 Credits.**

Basic principles of electrochemical reactions, electroanalytical voltammetry as applied to analysis, the chemistry of heterogeneous electron transfers, and electrochemical instrumentation.

**Requisites:** Prerequisite, CHEM 480 or 481.

**Grading status:** Letter grade.

**CHEM 446. Analytical Spectroscopy. 3 Credits.**

Optical spectroscopic techniques for chemical analysis including conventional and laser-based methods. Absorption, fluorescence, scattering and nonlinear spectroscopies, instrumentation and signal processing.

**Requisites:** Prerequisites, CHEM 441 and 482.

**Grading status:** Letter grade.

**CHEM 447. Bioanalytical Chemistry. 3 Credits.**

Principles and applications of biospecific binding as a tool for performing selective chemical analysis.

**Requisites:** Prerequisite, CHEM 441.

**Grading status:** Letter grade.

**CHEM 448. Mass Spectrometry. 3 Credits.**

Fundamental theory of gaseous ion chemistry, instrumentation, combination with separation techniques, spectral interpretation for organic compounds, applications to biological and environmental chemistry.

**Requisites:** Prerequisite, CHEM 480 or 481.

**Grading status:** Letter grade.

**CHEM 449. Microfabricated Chemical Measurement Systems. 3 Credits.**

Introduction to micro and nanofabrication techniques, fluid and molecular transport at the micrometer to nanometer length scales, applications of microtechnology to chemical and biochemical measurements.

**Requisites:** Prerequisite, CHEM 441.

**Grading status:** Letter grade.

**CHEM 450. Intermediate Inorganic Chemistry. 3 Credits.**

Introduction to symmetry and group theory; bonding, electronic spectra, and reaction mechanisms of coordination complexes; organometallic complexes, reactions, and catalysis; bioinorganic chemistry.

**Requisites:** Prerequisite, CHEM 251.

**Grading status:** Letter grade.

**CHEM 451. Theoretical Inorganic Chemistry. 3 Credits.**

Chemical applications of symmetry and group theory, crystal field theory, molecular orbital theory. The first third of the course, corresponding to one credit hour, covers point symmetry, group theoretical foundations and character tables.

**Requisites:** Prerequisites, CHEM 262 or 262H and 450.

**Grading status:** Letter grade.

**CHEM 452. Electronic Structure of Transition Metal Complexes. 3 Credits.**

A detailed discussion of ligand field theory and the techniques that rely on the theoretical development of ligand field theory, including electronic spectroscopy, electron paramagnetic resonance spectroscopy, and magnetism.

**Requisites:** Prerequisite, CHEM 451.

**Grading status:** Letter grade.

**CHEM 453. Physical Methods in Inorganic Chemistry. 3 Credits.**

Introduction to the physical techniques used for the characterization and study of inorganic compounds. Topics typically include nuclear magnetic resonance spectroscopy, vibrational spectroscopy, diffraction, Mossbauer spectroscopy, X-ray photoelectron spectroscopy, and inorganic electrochemistry.

**Requisites:** Prerequisite, CHEM 451.

**Grading status:** Letter grade.

**CHEM 460. Intermediate Organic Chemistry. 3 Credits.**

Modern topics in organic chemistry.

**Requisites:** Prerequisite, CHEM 262 or 262H.

**Grading status:** Letter grade.

**CHEM 460H. Intermediate Organic Chemistry. 3 Credits.**

Modern topics in organic chemistry.

**Requisites:** Prerequisite, CHEM 262 or 262H.

**Grading status:** Letter grade.

**CHEM 465. Mechanisms of Organic and Inorganic Reactions. 4 Credits.**

Kinetics and thermodynamics, free energy relationships, isotope effects, acidity and basicity, kinetics and mechanisms of substitution reactions, one- and two-electron transfer processes, principles and applications of photochemistry, organometallic reaction mechanisms.

**Requisites:** Prerequisite, CHEM 450.

**Grading status:** Letter grade.

**CHEM 466. Advanced Organic Chemistry I. 3 Credits.**

A survey of fundamental organic reactions including substitutions, additions, elimination, and rearrangements; static and dynamic stereochemistry; conformational analysis; molecular orbital concepts and orbital symmetry.

**Requisites:** Prerequisite, CHEM 460.

**Grading status:** Letter grade.

**CHEM 467. Advanced Organic Chemistry II. 2 Credits.**

Spectroscopic methods of analysis with emphasis on elucidation of the structure of organic molecules: <sup>1</sup>H and <sup>13</sup>C NMR, infrared, ultraviolet, ORD-CD, mass, and photoelectron spectroscopy.

**Requisites:** Prerequisite, CHEM 466.

**Grading status:** Letter grade.

**CHEM 468. Synthetic Aspects of Organic Chemistry. 3 Credits.**

Modern synthetic methods and their application to the synthesis of complicated molecules.

**Requisites:** Prerequisite, CHEM 466.

**Grading status:** Letter grade.

**CHEM 469. Organometallics and Catalysis. 3 Credits.**

Structure and reactivity of organometallic complexes and their role in modern catalytic reactions

**Requisites:** Prerequisites, CHEM 450 and 466.

**Grading status:** Letter grade.

**CHEM 470. Fundamentals of Materials Science. 3 Credits.**

Prerequisite, CHEM 482; or Crystal geometry, diffusion in solids, mechanical properties of solids, electrical conduction in solids, thermal properties of materials, phase equilibria.

**Requisites:** prerequisite, PHYS 128 and pre- or corequisite, PHYS 441.

**Grading status:** Letter grade

**Same as:** APPL 470.

**CHEM 471. Mathematical Techniques for Chemists. 3 Credits.**

Knowledge of differential and integral calculus. Chemical applications of higher mathematics.

**Requisites:** Prerequisite, MATH 383; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**CHEM 472. Chemistry and Physics of Electronic Materials Processing. 3 Credits.**

Permission of the instructor. A survey of materials processing and characterization used in fabricating microelectronic devices. Crystal growth, thin film deposition and etching, and microlithography.

**Requisites:** Prerequisite, CHEM 482 or PHYS 117 or 119.

**Grading status:** Letter grade

**Same as:** PHYS 472, APPL 472.

**CHEM 473. Chemistry and Physics of Surfaces. 3 Credits.**

The structural and energetic nature of surface states and sites, experimental surface measurements, reactions on surfaces including bonding to surfaces and adsorption, interfaces.

**Requisites:** Prerequisite, CHEM 470.

**Grading status:** Letter grade

**Same as:** APPL 473.

**CHEM 480. Introduction to Biophysical Chemistry. 3 Credits.**

Does not carry credit toward graduate work in chemistry or credit toward any track of the B.S. degree with a major in chemistry. Application of thermodynamics to biochemical processes, enzyme kinetics, properties of biopolymers in solution.

**Requisites:** Prerequisites, CHEM 261 or 261H, MATH 232, and PHYS 105.

**Grading status:** Letter grade.

**CHEM 481. Physical Chemistry I. 3 Credits.**

Thermodynamics, kinetic theory, chemical kinetics.

**Requisites:** Prerequisites, CHEM 102 or 102H, PHYS 116; pre- or corequisites, MATH 383 and PHYS 117; C- or better required in chemistry course prerequisites.

**Grading status:** Letter grade.

**CHEM 481L. Physical Chemistry Laboratory I. 2 Credits.**

Experiments in physical chemistry. One four-hour laboratory each week.

**Requisites:** Corequisite, CHEM 482.

**Grading status:** Letter grade.

**CHEM 482. Physical Chemistry II. 3 Credits.**

Introduction to quantum mechanics, atomic and molecular structure, spectroscopy, statistical mechanics.

**Requisites:** Prerequisite, CHEM 481.

**Grading status:** Letter grade.

**CHEM 482L. Physical Chemistry Laboratory II. 2 Credits.**

Experiments in physical chemistry. Solving thermodynamic and quantum mechanical problems using computer simulations. One three-hour laboratory and a single one-hour lecture each week.

**Requisites:** Prerequisite, CHEM 482.

**Grading status:** Letter grade.

**CHEM 484. Thermodynamics and Introduction to Statistical Thermodynamics. 1-21 Credits.**

Thermodynamics, followed by an introduction to the classical and quantum statistical mechanics and their application to simple systems. The section on thermodynamics can be taken separately for one hour credit.

**Requisites:** Prerequisite, CHEM 482.

**Grading status:** Letter grade.

**CHEM 485. Chemical Dynamics. 3 Credits.**

Experimental and theoretical aspects of atomic and molecular reaction dynamics.

**Requisites:** Prerequisites, CHEM 481 and 482.

**Grading status:** Letter grade.

**CHEM 486. Introduction to Quantum Chemistry. 3 Credits.**

Introduction to the principles of quantum mechanics. Approximation methods, angular momentum, simple atoms and molecules.

**Requisites:** Prerequisites, CHEM 481 and 482.

**Grading status:** Letter grade.

**CHEM 487. Introduction to Molecular Spectroscopy. 3 Credits.**

Interaction of radiation with matter; selection rules; rotational, vibrational, and electronic spectra of molecules; laser based spectroscopy and nonlinear optical effects.

**Requisites:** Prerequisite, CHEM 486.

**Grading status:** Letter grade.

**CHEM 488. Quantum Chemistry. 3 Credits.**

Applications of quantum mechanics to chemistry. Molecular structure, time-dependent perturbation theory, interaction of radiation with matter.

**Requisites:** Prerequisite, CHEM 486.

**Grading status:** Letter grade.

**CHEM 489. Statistical Mechanics. 3 Credits.**

Applications of statistical mechanics to chemistry. Ensemble formalism, condensed phases, nonequilibrium processes.

**Requisites:** Prerequisite, CHEM 484.

**Grading status:** Letter grade.

**CHEM 520L. Polymer Chemistry Laboratory. 2 Credits.**

Various polymerization techniques and characterization methods. One four-hour laboratory each week.

**Requisites:** Pre- or corequisite, CHEM 420 or 421 or 425.

**Grading status:** Letter grade

**Same as:** APPL 520L.

**CHEM 530L. Laboratory Techniques for Biochemistry. 3 Credits.**

An introduction to chemical techniques and research procedures of use in the fields of protein and nucleic acid chemistry. Two four-hour laboratories and one one-hour lecture a week.

**Requisites:** Prerequisites, BIOL 202 and CHEM 430.

**Grading status:** Letter grade.

**CHEM 541. Analytical Microscopy. 3 Credits.**

Introduction to microscopy techniques utilized in the analysis of chemical and biological samples with a focus on light, electron, and atomic force microscopy. Permission of instructor required for those missing prerequisites.

**Grading status:** Letter grade.

**CHEM 550L. Synthetic Chemistry Laboratory I. 2 Credits.**

A laboratory devoted to synthesis and characterization of inorganic complexes and materials. A four-hour synthesis laboratory, a characterization laboratory outside of the regular laboratory period, and a one-hour recitation each week.

**Requisites:** Prerequisites, CHEM 241L or 245L, 251, and 262L or 263L.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**CHEM 560L. Synthetic Organic Laboratory. 2 Credits.**

An advanced synthesis laboratory focused on topics in organic chemistry. A four-hour synthesis laboratory, a characterization laboratory outside of the regular laboratory period, and a one-hour recitation each week.

**Requisites:** Prerequisites, CHEM 241L, 245L, 262L, 263L.

**Grading status:** Letter grade.

**CHEM 692H. Senior Honors Thesis. 3 Credits.**

CHEM 395 must have been in the same laboratory as 692H. Senior majors only. Required of all candidates for honors or highest honors.

**Requisites:** Prerequisite, six credit hours of CHEM 395.

**Grading status:** Letter grade.

## Chemistry Major, B.A.

### Contact Information

**Department of Chemistry**

Visit Program Website (<http://www.chem.unc.edu>)  
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Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. Toward the end of students' progress through their four years of undergraduate study, they may choose to concentrate in one or more areas of chemistry through the courses selected to fulfill the chemistry elective requirements and through undergraduate research.

### Department Programs

**Majors**

- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.–Biochemistry Track (p. 330)
- Chemistry Major, B.S.–Polymer Track (p. 333)

**Minor**

- Chemistry Minor (p. 337)

**Graduate Programs**

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)

### Student Learning Outcomes

Upon completion of the chemistry (B.A.) program, students should be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

### Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
<b>Core Requirements</b>		
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
	or CHEM 102H General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
	or CHEM 245L Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 480	Introduction to Biophysical Chemistry	3
	or CHEM 481 Physical Chemistry I	
CHEM 550L	Synthetic Chemistry Laboratory I	2



CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	
One course from the following list (three hours): <sup>1</sup>		3
CHEM 395	Research in Chemistry for Undergraduates <sup>H</sup>	
CHEM 420	Introduction to Polymer Chemistry	
CHEM 421	Synthesis of Polymers	
CHEM 431	Macromolecular Structure and Metabolism	
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	
CHEM 441	Intermediate Analytical Chemistry	
CHEM 444	Separations	
CHEM 446	Analytical Spectroscopy	
CHEM 448	Mass Spectrometry	
CHEM 450	Intermediate Inorganic Chemistry	
CHEM 460	Intermediate Organic Chemistry <sup>H</sup>	
CHEM 530L	Laboratory Techniques for Biochemistry	
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>2,H</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
One of the following:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
One of the following:		4
PHYS 105	General Physics II	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
Total Hours		50

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Other courses numbered above 420 may be substituted with the permission of the instructor.

<sup>2</sup> BIOL 101 is a required prerequisite for CHEM 430.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students

entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of arts degree is listed below. At least 18 semester hours of credit in chemistry courses above CHEM 101/CHEM 101L with individual grades of C or better are required. Grades of C- do not satisfy this requirement. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First Year</b>		
MATH 231	Calculus of Functions of One Variable I (QR) <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II (QI) <sup>1,H</sup>	4
ENGL 105	English Composition and Rhetoric	3
Foreign language through level 3 (with level 2 placement)		6
Lifetime fitness		1
BIOL 101	Principles of Biology <sup>H</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (PX)	4
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
or CHEM 102H	General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
Approaches (p. 27) (three courses)		9
<b>Sophomore Year</b>		
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	
One of the following:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>2</sup>	
One of the following:		4
PHYS 105	General Physics II	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>2</sup>	
Approaches (p. 27) (three courses)		9
<b>Junior and Senior Years</b>		
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 480	Introduction to Biophysical Chemistry	3
or CHEM 481	Physical Chemistry I	



One course from: <sup>3</sup>	3
CHEM 395 Research in Chemistry for Undergraduates <sup>H</sup>	
CHEM 420 Introduction to Polymer Chemistry	
CHEM 421 Synthesis of Polymers	
CHEM 431 Macromolecular Structure and Metabolism	
CHEM 432 Metabolic Chemistry and Cellular Regulatory Networks	
CHEM 441 Intermediate Analytical Chemistry	
CHEM 444 Separations	
CHEM 446 Analytical Spectroscopy	
CHEM 448 Mass Spectrometry	
CHEM 450 Intermediate Inorganic Chemistry	
CHEM 460 Intermediate Organic Chemistry <sup>H</sup>	
CHEM 530L Laboratory Techniques for Biochemistry	
Other courses numbered above 420 may be substituted with permission of the instructor	
CHEM 550L Synthetic Chemistry Laboratory I	2
Other Connections (p. 27); Supplemental General Education (p. 27); three courses	9

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> PHYS 118 and PHYS 119 are encouraged for those students considering careers as professional chemists or those students who want the option to switch from the B.A. program to the B.S. program.

<sup>3</sup> With the permission of the course instructor, CHEM 420 or other chemistry courses numbered above 420 may be substituted for the listed courses.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has excelled in coursework and who has completed a research project of considerable depth and significance. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- B.A. candidates must have achieved a chemistry major grade point average of 3.85 or higher; B.S. candidates, a chemistry major grade point average of 3.75 or higher.
- Have completed at least five courses in chemistry numbered CHEM 420 or above. For B.A. candidates one of these may be a laboratory course; for B.S. candidates they must all be lecture courses.
- Have completed or be about to complete a research project certified to be of publishable quality by the research advisor and two faculty members appointed by the director of undergraduate studies

Honors in chemistry is a distinction bestowed on an outstanding student who has demonstrated marked competence in the coursework and who

has completed a research project of considerable merit. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- Have achieved a chemistry major grade point average of 3.40 or higher
- Have received no grade below B- in junior- or senior-level chemistry courses
- Have completed at least three lecture courses in chemistry numbered CHEM 420 or above
- Have completed or be about to complete a research project certified to be of honors quality by the research advisor and two faculty members appointed by the vice chair for undergraduate studies

Students who wish to qualify for either of these awards should begin planning their course programs and research activities in the junior year so that ample time and effort may be devoted to succeeding in upper-level courses and research.

### Departmental Involvement

Majors are encouraged to participate in AXE (chemistry fraternity) and the undergraduate advisory board.

### Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

### Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

### Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

- Francis P. Venable Medal: A medallion and cash award are presented to the two most outstanding graduating seniors majoring in chemistry in honor of Dr. Francis P. Venable, who was chair of the department, president of the University from 1900 to 1914, and president of the American Chemical Society.
- Emmett Gladstone Rand Premedical Scholarship: A scholarship is presented to an exceptionally talented graduating senior intending to pursue a career in medicine.
- Jason D. Altom Memorial Award for Undergraduate Research: This cash award recognizes research potential of an undergraduate chemistry major.
- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.
- Carrie Largent Award for Research Excellence: This award is given annually to a graduating senior who has excelled in research.
- David L. Stern Scholar: Top students from upper-division laboratory courses are chosen for this cash award.

- AXE Sophomore Chemist Award: A cash award and certificate are presented to an outstanding sophomore chemistry major.
- James H. Maguire Memorial Award: This award goes to an outstanding and academically gifted junior honors student majoring in chemistry.
- Tanya R. Ellison Scholarship: A female, junior or senior B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
- Hypercube Scholar Award: An outstanding senior majoring in chemistry is given this chemical software package.

## Undergraduate Research

Almost every undergraduate chemistry major who has undertaken a research project has found it to be an exciting and rewarding experience. The reasons are many. One certainly is that it affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.

More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.

The usual mechanism for becoming involved in a research project is to register for CHEM 395. This process begins well in advance of a preregistration or registration period with a visit to the Chemistry Student Services office, where a student may obtain a list of undergraduate research opportunities and a form titled Request for Registration in CHEM 395.

Most students begin research during the spring semester of their junior year and continue throughout their senior year. CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC-BEST students meet all the degree requirements for their chemistry degree using CHEM 410 as one of their upper-level chemistry courses. UNC-BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
EDUC 516	Introduction to the Education of Exceptional Learners	3
or EDUC 689	Foundations of Special Education	
EDUC 532	Introduction to Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
or EDUC 533	Social Justice in Education	
EDUC 593	Internship/Student Teaching (final semester)	12

EDUC 601	Education Workshops (final semester)	1
Total Hours		22

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

## Chemistry Major, B.S.

### Contact Information

#### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)  
Caudill and Kenan Laboratories, CB# 3290  
(919) 843-7100

#### Jeffrey S. Johnson, Chair

#### Andrew Moran, Director of Undergraduate Studies

[ammoran@email.unc.edu](mailto:ammoran@email.unc.edu)

#### Donnyell Batts and Jill Fallin, Chemistry Student Services Coordinators

[chemus@unc.edu](mailto:chemus@unc.edu)

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. Toward the end of students' progress through their four years of undergraduate study, they may choose to concentrate in one or more areas of chemistry through the courses selected to fulfill the chemistry elective requirements and through undergraduate research.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.—Biochemistry Track (p. 330)
- Chemistry Major, B.S.—Polymer Track (p. 333)

### Minor

- Chemistry Minor (p. 337)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)

## Student Learning Outcomes

Upon completion of the chemistry B.S. program, students are expected to be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)

- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

*This program meets the requirements of the American Chemical Society for the training of professional chemists.*

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
<b>Core Requirements</b>		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
or CHEM 482L	Physical Chemistry Laboratory II	
CHEM 482	Physical Chemistry II	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	
Fifteen hours of advanced chemistry elective courses (two laboratory courses are required) from the following list:		
CHEM 395	Research in Chemistry for Undergraduates (may count as a laboratory course) <sup>H</sup>	
Any course numbered CHEM 420 or higher		
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H</sup>	3
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3

PHYS 116	Mechanics <sup>H</sup>	4
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
or PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
Total Hours		68

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of science degree is listed below. At least 18 semester hours of credit in chemistry courses above CHEM 101/CHEM 101L with individual grades of C or better are required. Grades of C- do not satisfy this requirement. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First and Sophomore Years</b>		
ENGL 105	English Composition and Rhetoric	3
Foreign language through level 3 (with level 2 placement)		6
Lifetime fitness		1
MATH 231	Calculus of Functions of One Variable I (QR) <sup>H</sup>	4
BIOL 101	Principles of Biology (PL) <sup>H</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (PX)	4
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 or CHEM 262H	Introduction to Organic Chemistry II <sup>H</sup> Introduction to Organic Chemistry II	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	

MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 116	Mechanics <sup>H</sup>	4
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
or PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
Approaches (p. 27) (three courses)		9
Other Connections (p. 27)		
<b>Junior and Senior Years</b>		
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
or CHEM 482L	Physical Chemistry Laboratory II	
CHEM 482	Physical Chemistry II	3
Advanced chemistry electives (15 hours, two laboratory courses are required) <sup>2</sup>		15
Approaches (p. 27) (three courses)		9
Other Connections (p. 27)		

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> CHEM 395 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements. Additionally, CHEM 395 may not be counted more than once as an advanced chemistry elective in the B.S. chemistry degree, B.S. chemistry degree (biochemistry track), or B.S. chemistry degree (polymer track). Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. Students must sign up for CHEM 395 and CHEM 396 within the first week of classes. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has excelled in coursework and who has completed a research project of considerable depth and significance. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- B.A. candidates must have achieved a chemistry major grade point average of 3.85 or higher; B.S. candidates, a chemistry major grade point average of 3.75 or higher.
- Have completed at least five courses in chemistry numbered CHEM 420 or above. For B.A. candidates one of these may be a laboratory course; for B.S. candidates they must all be lecture courses.

- Have completed or be about to complete a research project certified to be of publishable quality by the research advisor and two faculty members appointed by the director of undergraduate studies

Honors in chemistry is a distinction bestowed on an outstanding student who has demonstrated marked competence in the coursework and who has completed a research project of considerable merit. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- Have achieved a chemistry major grade point average of 3.40 or higher
- Have received no grade below B- in junior- or senior-level chemistry courses
- Have completed at least three lecture courses in chemistry numbered CHEM 420 or above
- Have completed or be about to complete a research project certified to be of honors quality by the research advisor and two faculty members appointed by the vice chair for undergraduate studies

Students who wish to qualify for either of these awards should begin planning their course programs and research activities in the junior year so that ample time and effort may be devoted to succeeding in upper-level courses and research.

### Departmental Involvement

Majors are encouraged to participate in AXE (chemistry fraternity) and the undergraduate advisory board.

### Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

### Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

### Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

- Francis P. Venable Medal: A medallion and cash award are presented to the two most outstanding graduating seniors majoring in chemistry in honor of Dr. Francis P. Venable, who was chair of the department, president of the University from 1900 to 1914, and president of the American Chemical Society.
- Emmett Gladstone Rand Premedical Scholarship: A scholarship is presented to an exceptionally talented graduating senior intending to pursue a career in medicine.
- Jason D. Altom Memorial Award for Undergraduate Research: This cash award recognizes research potential of an undergraduate chemistry major.
- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.



- **Carrie Largent Award for Research Excellence:** This award is given annually to a graduating senior who has excelled in research.
- **David L. Stern Scholar:** Top students from upper-division laboratory courses are chosen for this cash award.
- **AXE Sophomore Chemist Award:** A cash award and certificate are presented to an outstanding sophomore chemistry major.
- **James H. Maguire Memorial Award:** This award goes to an outstanding and academically gifted junior honors student majoring in chemistry.
- **Tanya R. Ellison Scholarship:** A female, junior or senior B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
- **Hypercube Scholar Award:** An outstanding senior majoring in chemistry is given this chemical software package.

## Undergraduate Research

Almost every undergraduate chemistry major who has undertaken a research project has found it to be an exciting and rewarding experience. The reasons are many. One certainly is that it affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.

More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.

The usual mechanism for becoming involved in a research project is to register for CHEM 395. This process begins well in advance of a preregistration or registration period with a visit to the Chemistry Student Services office, where a student may obtain a list of undergraduate research opportunities and a form titled Request for Registration in CHEM 395.

Most students begin research during the spring semester of their junior year and continue throughout their senior year. CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students meet all the degree requirements for their chemistry degree using CHEM 410 as one of their upper-level chemistry courses. UNC–BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
EDUC 516	Introduction to the Education of Exceptional Learners	3
or EDUC 689	Foundations of Special Education	

EDUC 532	Introduction to Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
or EDUC 533	Social Justice in Education	
EDUC 593	Internship/Student Teaching (final semester)	12
EDUC 601	Education Workshops (final semester)	1
Total Hours		22

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

# Chemistry Major, B.S.–Biochemistry Track

## Contact Information

### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)  
Caudill and Kenan Laboratories, CB# 3290  
(919) 843-7100

### Jeffrey S. Johnson, Chair

### Andrew Moran, Director of Undergraduate Studies

[ammoran@email.unc.edu](mailto:ammoran@email.unc.edu)

### Donnyell Batts and Jill Fallin, Chemistry Student Services Coordinators

[chemus@unc.edu](mailto:chemus@unc.edu)

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. Toward the end of students' progress through their four years of undergraduate study, they may choose to concentrate in one or more areas of chemistry through the courses selected to fulfill the chemistry elective requirements and through undergraduate research.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.–Biochemistry Track (p. 330)
- Chemistry Major, B.S.–Polymer Track (p. 333)

### Minor

- Chemistry Minor (p. 337)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)



## Student Learning Outcomes

Upon completion of the chemistry B.S. program, students are expected to be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

*This program meets the requirements of the American Chemical Society for the training of professional chemists.*

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
<b>Core Requirements</b>		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 431	Macromolecular Structure and Metabolism	3
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
CHEM 482	Physical Chemistry II	3
CHEM 530L	Laboratory Techniques for Biochemistry	3
CHEM 550L	Synthetic Chemistry Laboratory I	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	

One advanced chemistry elective course from the following list:		3
BIOC 601	Enzyme Properties, Mechanisms, and Regulation	
BIOC 650	Basic Principles: From Basic Models to Collections of Macromolecules	
BIOL 422	Microbiology	
CHEM 395	Research in Chemistry for Undergraduates <sup>H</sup>	
Any two- or three-credit chemistry course numbered 420 or higher		
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H</sup>	3
BIOL 101L	Introductory Biology Laboratory	1
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 116	Mechanics <sup>H</sup>	4
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
or PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
Total Hours		76

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of science (biochemistry track) degree is listed below. At least 18 semester hours of credit in chemistry courses above CHEM 101/CHEM 101L with individual grades of C or better are required. Grades of C- do not satisfy this requirement. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First and Sophomore Years</b>		
MATH 231	Calculus of Functions of One Variable I (QR) <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
Foreign language through level 3 (with level 2 placement)		6
Physical and Life Sciences:		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4

Lifetime fitness		1
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	4
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
	or CHEM 102H General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
	or CHEM 245L Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
	or CHEM 263L Honors Laboratory in Organic Chemistry	
MATH 232	Calculus of Functions of One Variable II <sup>1,H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1,H</sup>	4
MATH 383	First Course in Differential Equations <sup>1,H</sup>	3
PHYS 116	Mechanics <sup>H</sup>	4
	or PHYS 118 Introductory Calculus-based Mechanics and Relativity	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
	or PHYS 119 Introductory Calculus-based Electromagnetism and Quanta	
Approaches (p. 27) (three courses)		9
Other Connections (p. 27)		
<b>Junior and Senior Years</b>		
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
CHEM 482	Physical Chemistry II	3
CHEM 530L	Laboratory Techniques for Biochemistry	3
CHEM 431	Macromolecular Structure and Metabolism	3
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	3
CHEM 550L	Synthetic Chemistry Laboratory I	2
Advanced chemistry elective <sup>2,3</sup>		2-3
Approaches (p. 27) (three courses)		9
Other Connections (p. 27)		

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> CHEM 395 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements. Additionally, CHEM 395 may not be counted more than once as an advanced chemistry elective in the B.S. chemistry degree, B.S. chemistry degree (biochemistry track), or B.S. chemistry degree (polymer track). Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. Students must sign up for CHEM 395 and CHEM 396 within the first week of classes. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

<sup>3</sup> One course must be taken from the following list: BIOC 601, BIOC 650; BIOL 422; CHEM 395; or any two- or three-credit chemistry lecture course numbered 420 or above that is not already required.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has excelled in coursework and who has completed a research project of considerable depth and significance. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- B.A. candidates must have achieved a chemistry major grade point average of 3.85 or higher; B.S. candidates, a chemistry major grade point average of 3.75 or higher.
- Have completed at least five courses in chemistry numbered CHEM 420 or above. For B.A. candidates one of these may be a laboratory course; for B.S. candidates they must all be lecture courses.
- Have completed or be about to complete a research project certified to be of publishable quality by the research advisor and two faculty members appointed by the director of undergraduate studies

Honors in chemistry is a distinction bestowed on an outstanding student who has demonstrated marked competence in the coursework and who has completed a research project of considerable merit. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- Have achieved a chemistry major grade point average of 3.40 or higher
- Have received no grade below B- in junior- or senior-level chemistry courses
- Have completed at least three lecture courses in chemistry numbered CHEM 420 or above
- Have completed or be about to complete a research project certified to be of honors quality by the research advisor and two faculty members appointed by the vice chair for undergraduate studies

Students who wish to qualify for either of these awards should begin planning their course programs and research activities in the junior year so that ample time and effort may be devoted to succeeding in upper-level courses and research.

## Departmental Involvement

Majors are encouraged to participate in AXE (chemistry fraternity) and the undergraduate advisory board.

## Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

## Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

## Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

- Francis P. Venable Medal: A medallion and cash award are presented to the two most outstanding graduating seniors majoring in chemistry in honor of Dr. Francis P. Venable, who was chair of the department, president of the University from 1900 to 1914, and president of the American Chemical Society.
- Emmett Gladstone Rand Premedical Scholarship: A scholarship is presented to an exceptionally talented graduating senior intending to pursue a career in medicine.
- Jason D. Altom Memorial Award for Undergraduate Research: This cash award recognizes research potential of an undergraduate chemistry major.
- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.
- Carrie Largent Award for Research Excellence: This award is given annually to a graduating senior who has excelled in research.
- David L. Stern Scholar: Top students from upper-division laboratory courses are chosen for this cash award.
- AXE Sophomore Chemist Award: A cash award and certificate are presented to an outstanding sophomore chemistry major.
- James H. Maguire Memorial Award: This award goes to an outstanding and academically gifted junior honors student majoring in chemistry.
- Tanya R. Ellison Scholarship: A female, junior or senior B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
- Hypercube Scholar Award: An outstanding senior majoring in chemistry is given this chemical software package.

## Undergraduate Research

Almost every undergraduate chemistry major who has undertaken a research project has found it to be an exciting and rewarding experience. The reasons are many. One certainly is that it affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.

More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.

The usual mechanism for becoming involved in a research project is to register for CHEM 395. This process begins well in advance of a preregistration or registration period with a visit to the Chemistry Student Services office, where a student may obtain a list of undergraduate research opportunities and a form titled Request for Registration in CHEM 395.

Most students begin research during the spring semester of their junior year and continue throughout their senior year. CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC-BEST students meet all the degree requirements for their chemistry degree using CHEM 410 as one of their upper-level chemistry courses. UNC-BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
EDUC 516	Introduction to the Education of Exceptional Learners	3
or EDUC 689	Foundations of Special Education	
EDUC 532	Introduction to Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
or EDUC 533	Social Justice in Education	
EDUC 593	Internship/Student Teaching (final semester)	12
EDUC 601	Education Workshops (final semester)	1
Total Hours		22

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

## Chemistry Major, B.S. – Polymer Track

### Contact Information

#### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)  
Caudill and Kenan Laboratories, CB# 3290  
(919) 843-7100

Jeffrey S. Johnson, Chair

**Andrew Moran, Director of Undergraduate Studies**

ammoran@email.unc.edu

**Donnyell Batts and Jill Fallin, Chemistry Student Services Coordinators**

chemus@unc.edu

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. Toward the end of students' progress through their four years of undergraduate study, they may choose to concentrate in one or more areas of chemistry through the courses selected to fulfill the chemistry elective requirements and through undergraduate research.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.–Biochemistry Track (p. 330)
- Chemistry Major, B.S.–Polymer Track (p. 333)

### Minor

- Chemistry Minor (p. 337)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)

## Student Learning Outcomes

Upon completion of the chemistry B.S. program, students are expected to be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

*This program meets the requirements of the American Chemical Society for the training of professional chemists.*

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
<b>Core Requirements</b>		
BMME 150 or CHEM 470	Introduction to Materials Science Fundamentals of Materials Science	3
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L or CHEM 245L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	1
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
CHEM 482	Physical Chemistry II	3
CHEM 482L	Physical Chemistry Laboratory II	2
CHEM 520L	Polymer Chemistry Laboratory	2
CHEM 550L	Synthetic Chemistry Laboratory I	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L or CHEM 263L	Laboratory in Organic Chemistry Honors Laboratory in Organic Chemistry	1
Three advanced polymer chemistry electives from:		9
CHEM 420	Introduction to Polymer Chemistry	
CHEM 421	Synthesis of Polymers	
CHEM 422	Physical Chemistry of Polymers	
CHEM 423	Intermediate Polymer Chemistry	
CHEM 425	Polymer Materials	
One advanced chemistry elective from CHEM 395 or any chemistry course numbered higher than CHEM 420 (at least three hours)		3
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H</sup>	3
BIOL 101L	Introductory Biology Laboratory	1
MATH 232	Calculus of Functions of One Variable II <sup>1,H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1,H</sup>	4
MATH 383	First Course in Differential Equations <sup>1,H</sup>	3
PHYS 116 or PHYS 118	Mechanics <sup>H</sup> Introductory Calculus-based Mechanics and Relativity	4
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4

or PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
Total Hours		75

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of science (polymer track) degree is listed below. At least 18 semester hours of credit in chemistry courses above CHEM 101/CHEM 101L with individual grades of C or better are required. Grades of C- do not satisfy this requirement. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First and Sophomore Years</b>		
MATH 231	Calculus of Functions of One Variable I (QR) <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
Foreign language through level 3 (with level 2 placement)		6
Physical and Life Sciences:		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Lifetime fitness		1
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
or CHEM 102H General Descriptive Chemistry II		
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound		
CHEM 251	Introduction to Inorganic Chemistry	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L Honors Laboratory in Organic Chemistry		
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H</sup>	4

MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 116	Mechanics <sup>H</sup>	4
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	4
or PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
Approaches (p. 27) (three courses)		9
Other Connections (p. 27)		
<b>Junior and Senior Years</b>		
BMME 150	Introduction to Materials Science	3
or CHEM 470	Fundamentals of Materials Science	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
CHEM 482	Physical Chemistry II	3
CHEM 482L	Physical Chemistry Laboratory II	2
CHEM 520L	Polymer Chemistry Laboratory	2
CHEM 550L	Synthetic Chemistry Laboratory I	2
Polymer electives. Three courses from:		9
CHEM 420	Introduction to Polymer Chemistry	
CHEM 421	Synthesis of Polymers	
CHEM 422	Physical Chemistry of Polymers	
CHEM 423	Intermediate Polymer Chemistry	
Advanced chemistry elective <sup>2,3</sup>		3
Approaches (p. 27) (three courses)		9
Other Connections (p. 27)		

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> CHEM 395 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements. Additionally, CHEM 395 may not be counted more than once as an advanced chemistry elective in the B.S. chemistry degree, B.S. chemistry degree (biochemistry track), or B.S. chemistry degree (polymer track). Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. Students must sign up for CHEM 395 and CHEM 396 within the first week of classes. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

<sup>3</sup> CHEM 395 or CHEM 396 (only with departmental permission) and chemistry courses numbered 420 or higher.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has excelled in coursework and who has completed a research project of considerable depth and significance. To



attain this distinction the candidate must have nominally satisfied the following guidelines:

- B.A. candidates must have achieved a chemistry major grade point average of 3.85 or higher; B.S. candidates, a chemistry major grade point average of 3.75 or higher.
- Have completed at least five courses in chemistry numbered CHEM 420 or above. For B.A. candidates one of these may be a laboratory course; for B.S. candidates they must all be lecture courses.
- Have completed or be about to complete a research project certified to be of publishable quality by the research advisor and two faculty members appointed by the director of undergraduate studies

Honors in chemistry is a distinction bestowed on an outstanding student who has demonstrated marked competence in the coursework and who has completed a research project of considerable merit. To attain this distinction the candidate must have nominally satisfied the following guidelines:

- Have achieved a chemistry major grade point average of 3.40 or higher
- Have received no grade below B- in junior- or senior-level chemistry courses
- Have completed at least three lecture courses in chemistry numbered CHEM 420 or above
- Have completed or be about to complete a research project certified to be of honors quality by the research advisor and two faculty members appointed by the vice chair for undergraduate studies

Students who wish to qualify for either of these awards should begin planning their course programs and research activities in the junior year so that ample time and effort may be devoted to succeeding in upper-level courses and research.

## Departmental Involvement

Majors are encouraged to participate in AXE (chemistry fraternity) and the undergraduate advisory board.

## Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

## Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

## Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

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- David L. Stern Scholar: Top students from upper-division laboratory courses are chosen for this cash award.
- AXE Sophomore Chemist Award: A cash award and certificate are presented to an outstanding sophomore chemistry major.
- James H. Maguire Memorial Award: This award goes to an outstanding and academically gifted junior honors student majoring in chemistry.
- Tanya R. Ellison Scholarship: A female, junior or senior B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
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Most students begin research during the spring semester of their junior year and continue throughout their senior year. CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC–BEST

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Carolina high school science teacher in four years. UNC–BEST students meet all the degree requirements for their chemistry degree using CHEM 410 as one of their upper-level chemistry courses. UNC–BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
EDUC 516	Introduction to the Education of Exceptional Learners	3
or EDUC 689	Foundations of Special Education	
EDUC 532	Introduction to Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
or EDUC 533	Social Justice in Education	
EDUC 593	Internship/Student Teaching (final semester)	12
EDUC 601	Education Workshops (final semester)	1
Total Hours		22

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

## Chemistry Minor

### Contact Information

#### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)  
Caudill and Kenan Laboratories, CB# 3290  
(919) 843-7100

#### Jeffrey S. Johnson, Chair

#### Andrew Moran, Director of Undergraduate Studies

[ammoran@email.unc.edu](mailto:ammoran@email.unc.edu)

#### Donnyell Batts and Jill Fallin, Chemistry Student Services Coordinators

[chemus@unc.edu](mailto:chemus@unc.edu)

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. The chemistry minor provides a solid background in chemistry for students choosing to pursue other major fields and careers in the health sciences.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 324)
- Chemistry Major, B.S. (p. 327)
- Chemistry Major, B.S.–Biochemistry Track (p. 330)
- Chemistry Major, B.S.–Polymer Track (p. 333)

### Minor

- Chemistry Minor (p. 337)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)

- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in chemistry consists of the following seven courses:

Code	Title	Hours
<b>Core Requirements</b>		
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
or CHEM 102H	General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	
Total Hours		14

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 324) for special opportunities.

# DEPARTMENT OF CITY AND REGIONAL PLANNING

## Contact Information

### Department of City and Regional Planning

Visit Program Website (<http://www.planning.unc.edu>)

New East Building, CB# 3140

(919) 962-3983

**Noreen McDonald, Chair**

**Bill Rohe, Director of Undergraduate Studies**

[brohe@unc.edu](mailto:brohe@unc.edu)

**Sandra Lazo de la Vega, Student Services Manager**

[sandral@unc.edu](mailto:sandral@unc.edu)

## Introduction

City and regional planning is an interdisciplinary field that seeks to improve the quality of life for people in human settlements. Planners are involved, for example, in forecasting alternative futures of a city or region, guiding the type and location of new development, analyzing transportation systems, encouraging economic development, protecting the environment, mediating diverse interests, and revitalizing urban neighborhoods. They are involved in designing solutions to pressing societal problems such as urban sprawl, unemployment, homelessness, environmental pollution, and urban decay.

City and regional planners work for a variety of public, nonprofit, and private organizations. In the public sector local, state, and federal governments all employ city and regional planners. In the nonprofit sector, planners work for national, state, and local advocacy groups promoting sustainable development. In the private sector, planners work for development companies and consulting firms.

For undergraduates the Department of City and Regional Planning offers basic coursework, opportunities for supervised practical experience, and an academic minor. Undergraduate students take courses in the department for several reasons: to learn about cities and planning processes, to enrich or expand their current area of interest in different aspects of urbanization, or to explore the possibility of graduate work leading to a career in planning. Planning courses allow students to see how the arts and sciences can be applied to improve the prosperity and livability of cities, towns, and regions. In this way they help students deepen their appreciation of their major field of study. Some planning courses may fulfill General Education requirements.

## Advising

The department's director of undergraduate studies serves as the primary point of contact for students participating in the minor. (See contact information above.) Student advising and approval of equivalent courses are handled by the director. Students also have a primary academic advisor in Steele Building.

## Facilities

The Department of City and Regional Planning is located in New East Building on Cameron Avenue. An important resource available to the department is the Center for Urban and Regional Studies, located in Hickerson House, where the research and service programs of the

department are housed. The department also has strong ties to the Institute for the Environment. Other research centers that are of interest are Center for Community Capital, Program on Chinese Cities, Carolina Transportation Program, and the UNC Hazards Center.

## Graduate School and Career Opportunities

Undergraduates interested in a career in city and regional planning can pursue postgraduate work in planning at UNC–Chapel Hill. The Department of City and Regional Planning offers several degree programs at the graduate level. A two-year program preparing students for advanced positions in professional practice in city and regional planning leads to the degree of master in city and regional planning. A program leading to the degree of doctor of philosophy prepares for careers in teaching and research. Dual graduate degree programs are offered in collaboration with related professional programs (law, business, public administration, public health, landscape architecture, and environmental sciences and engineering).

For more information please contact Professor Bill Rohe, director of undergraduate studies.

### Minor

- Urban Studies and Planning Minor (p. 341)

### Graduate Programs

- M.C.R.P. in City and Regional Planning (<http://catalog.unc.edu/graduate/schools-departments/city-regional-planning>)
- Ph.D. in City and Regional Planning (<http://catalog.unc.edu/graduate/schools-departments/city-regional-planning>)

## Professors

Emil E. Malizia, Noreen McDonald, Roberto G. Quercia, William M. Rohe, Yan Song, Dale Whittington.

## Associate Professors

Todd BenDor, Nikhil Kaza, T. William Lester, Nichola Lowe, Mai Nguyen, Meenu Tewari.

## Assistant Professors

Danielle Spurlock, Allie Thomas, Andrew Whittemore.

## Research Professors

David J. Brower, David H. Moreau, Gavin Smith.

## Affiliated Faculty

Michele Berger (Women's and Gender Studies), Maryann Feldman (Public Policy), David J. Hartzell (Kenan–Flagler Business School), Judith W. Wegner (School of Law), Jesse White (School of Government).

## Professors Emeriti

Richard N.L. Andrews, Raymond J. Burby, F. Stuart Chapin Jr., David R. Godschalk, Edward J. Kaiser.

## PLAN–City and Regional Planning Undergraduate-level Courses

### PLAN 50. First-Year Seminar: This Land Is Your Land. 3 Credits.

An issue encountered in managing urban communities and environmental quality concerns rights to land ownership. Environmental regulations limit people's rights to use land as they see fit. This seminar explores processes whereby rights to land, water, and environmental resources of the United States have been acquired, reserved, distributed, and regulated.

**Grading status:** Letter grade.

### PLAN 51. First-Year Seminar: Envisioning Community. 3 Credits.

How is "community" understood as a concept used to describe towns, universities, and other forms of social interaction? This seminar introduces students to urban planning, higher education, and social capital and provides students with opportunities to explore and document local leaders' views concerning the towns' futures and the University's growth.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 52. First-Year Seminar: Race, Sex, and Place in America. 3 Credits.

This first-year seminar will expose students to the complex dynamics of race, ethnicity, and gender and how these have shaped the American city since 1945.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 51.

### PLAN 53. First-Year Seminar: The Changing American Job. 3 Credits.

Explores the changing nature of the American job and the transformative forces from global trade and outsourcing to corporate restructuring and new skill demands that have influenced this change.

**Gen Ed:** CI, NA.

**Grading status:** Letter grade.

### PLAN 54. First-Year Seminar: Bringing Life Back to Downtown: Commercial Redevelopment of Cities and Towns. 3 Credits.

The seminar seeks to understand the current realities of North Carolina's inner-city communities in the context of their historical evolution and the current proposals for revitalization. Each student selects one city or town for a case study.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 55. First-Year Seminar: Sustainable Cities. 3 Credits.

How can the sustainability of cities and their ability to meet the needs of disadvantaged groups be improved? In this seminar students will look at the evolution of cities throughout history to find out how they have coped with threats to sustainability.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 57. First-Year Seminar: What Is a Good City?. 3 Credits.

After studying the forces that have produced the American urban landscape, we will explore the city from the normative perspectives of urban historians, planners and architects, social scientists, social critics, and futurists, as a way for each student to develop her/his own perspective about what a "good city" might be.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 57H. First-Year Seminar: What Is a Good City?. 3 Credits.

After studying the forces that have produced the American urban landscape, we will explore the city from the normative perspectives of urban historians, planners and architects, social scientists, social critics, and futurists, as a way for each student to develop her/his own perspective about what a "good city" might be.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 58. First-Year Seminar: Globalization and the Transformation of Local Economies. 3 Credits.

Using directed readings, participative class exercises, and cases that cut across developed and developing countries, this seminar will focus on how global pressures and economic integration is changing local economies.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

### PLAN 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics content vary each semester

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### PLAN 101. Cities and Urban Life. 3 Credits.

This course will introduce students to the topic of cities and urban life. Over 80% of the United States' population lives in cities or their suburbs, and over half of the world's population lives in urban areas. Studying cities and urban life is important to understanding how human societies have developed, how our households live and function, how our economies grow and innovate, how our culture develops and influences, and an array of other topics.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

### PLAN 246. Cities of the Past, Present, and Future: Introduction to Planning. 3 Credits.

Introduction to the evolution of cities in history, to the concept of urban morphology or form, and to the different elements or subsystems of the urban system and how they have changed over time.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 247. Solving Urban Problems. 3 Credits.

Introduction to methods used for solving urban problems. Covers methods employed in subfields of planning to develop an ability to critically evaluate different techniques and approaches used within these disciplines.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### PLAN 317. Introduction to Site Planning and Urban Design. 3 Credits.

This course examines site planning as a process of creating the built environment. A site planner considers many things, including site hydrology, topography, building form, access, and regulation. Students will review the theories of urban design that guide site planning, conduct a site analysis and propose a site plan.

**Grading status:** Letter grade.

**PLAN 326. Social Ventures. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.

**Grading status:** Letter grade

**Same as:** PLCY 326, ECON 326.

**PLAN 326H. Social Ventures. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.

**Grading status:** Letter grade

**Same as:** PLCY 326H, ECON 326H.

**PLAN 330. Principles of Sustainability. 3 Credits.**

This course introduces students to theories, principles, and measurement of sustainability. It also provides an overview of sustainability in national and international contexts.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ENEC 330.

**PLAN 363. Personal Finance, Wealth Building, and Public Policy. 3 Credits.**

This course examines the skills to make important financial decisions such as buying a car, a house, paying for college, and managing credit and debt. Students will also learn about the fundamentals of investment and retirement planning to prepare them for a lifetime of wealth building. Finally, students will learn about public policy initiatives aimed at increasing the wealth building opportunities of low-income and minority households and communities.

**Grading status:** Letter grade.

**PLAN 375. Real Estate Development. 3 Credits.**

Rigorous examination of real estate development from the entrepreneurial and public perspectives. Emphasis on risk management and the inherent uncertainties of development. The four dimensions of real estate are addressed: economic/market, legal/institutional, physical, and financial. Previously offered as PLAN 575.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**PLAN 390. Undergraduate Special Topics in Urban and Regional Studies. 1-3 Credits.**

This course examines selected urban and regional issues under guidance of a member of the faculty.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PLAN 420. Community Design and Green Architecture. 3 Credits.**

The impact of building on the environment and health will be examined by looking at the major areas of: land use planning, water resource use, energy, materials and indoor environment.

**Grading status:** Letter grade

**Same as:** ENEC 420.

**PLAN 428. Global Cities: Space, Power, and Identity in the Built Environment. 3 Credits.**

This course addresses questions of power, politics, and identity in the urban environment, with a focus on the emergence of key selected global cities and the processes that both created them historically and which are currently transforming them locally and globally.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** GEOG 428.

**PLAN 491. Introduction to GIS. 3 Credits.**

Stresses the spatial analysis and modeling capabilities of organizing data within a geographic information system. (GISci)

**Requisites:** Prerequisite, GEOG 370; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** GEOG 491.

**PLAN 526. Principles of Public Finance for Public Policy and Planning. 1.5 Credit.**

Provides the foundation of state and local government finance necessary to understand new developments in the provision of infrastructure for economic development.

**Grading status:** Letter grade.

**PLAN 547. Energy, Transportation, and Land Use. 3 Credits.**

This course explores the reciprocal connections between energy (production/conversion, distribution, and use), land use, environment, and transportation. Evaluation of federal, state, and local policies on energy conservation and alternative energy sources are emphasized. Students gain skills to analyze impacts, interdependencies, and uncertainties of various energy conservation measures and production technologies.

**Grading status:** Letter grade

**Same as:** ENEC 547.

**PLAN 550. Evolution of the American City. 3 Credits.**

Examines shaping the urban built environments of the United States from the colonial era to present day. Critically examines forces that shaped our cities, and studies the values, ideals, and motivations underlying efforts to plan and direct physical development of American cities.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PLAN 574. Political Economy of Poverty and Inequality. 3 Credits.**

Introduces students to the political economy of poverty alleviation programs. Uses comparative cases to explore what types of projects, tasks, and environments lead to effective and equitable outcomes, and why.

**Grading status:** Letter grade.

**PLAN 585. American Environmental Policy. 3 Credits.**

Intensive introduction to environmental management and policy, including environmental and health risks; policy institutions, processes, and instruments; policy analysis; and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** ENVR 585, ENEC 585, PLCY 585.



**PLAN 590. Special Topics Seminar. 1-9 Credits.**

Original research, fieldwork, readings, or discussion of selected planning issues under guidance of a member of the faculty.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PLAN 591. Applied Issues in Geographic Information Systems. 3 Credits.**

Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography.

**Requisites:** Prerequisite, GEOG 370 or 491.

**Grading status:** Letter grade.

**PLAN 596. Independent Study. 1-9 Credits.**

This course permits full-time undergraduate students enrolled in the Department of City and Regional Planning who wish to pursue independent research or an independent project to do so under the direction of a member of the department faculty.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PLAN 636. Urban Transportation Planning. 3 Credits.**

Fundamental characteristics of the urban transportation system as a component of urban structure. Methodologies for the analysis of transportation problems, planning urban transportation, and the evaluation of plans.

**Grading status:** Letter grade.

**PLAN 637. Public Transportation. 3 Credits.**

Alternative public urban transportation systems including mass transit, innovative transit services, and paratransit, examined from economic, land use, social, technical, and policy perspectives.

**Grading status:** Letter grade.

**PLAN 638. Pedestrian and Bike Transportation. 3 Credits.**

This graduate-level course examines the importance of multimodal transportation planning and provides a comprehensive overview of best planning practices to support increased walking and bicycling.

**Grading status:** Letter grade.

**PLAN 641. Watershed Planning. 3 Credits.**

This course explores the functions of ecosystems, land development activities that impact such functions, and the land use management tools to create strategies for mitigating and restoring environmental damage. Course goals include understanding the ecological context of planning and how ecological principles may inform planning decisions. Prepares planners to engage effectively with biologists, natural resource managers, park managers, and other professionals from the natural sciences.

**Grading status:** Letter grade

**Same as:** ENEC 641.

**PLAN 651. Urban Form and the Design of Cities. 3 Credits.**

Lecture course on comparative urbanism and the global evolution of the city form. Examines values and ideals embedded in urban landscapes, seeking to understand how social, economic, and political forces have influenced the development of cities through history.

**Grading status:** Letter grade.

**PLAN 652. Site Planning and Urban Design. 3 Credits.**

This course examines site planning as a means of addressing concerns related to urban development including hydrology, vegetation, land use, urban form, access, regulation, and community priorities. Students conduct an analysis of a site and propose a plan for a hypothetical mixed-use development. Students learn the basics of the 3D modeling software, SketchUp.

**Grading status:** Letter grade.

**PLAN 662. Gender Issues in Planning and Development. 3 Credits.**

Permission of the instructor required for undergraduates. Examination of the environmental and health risks, policy institutions, processes, instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies.

**Grading status:** Letter grade

**Same as:** WGST 662.

**PLAN 663. Diversity and Inequality in Cities. 3 Credits.**

Permission of instructor needed for undergraduates. Introduces students in planning to issues related to diversity and inequality. Different aspects of diversity (e.g., gender, class, race, ethnicity, sexuality, nationality/citizenship) will be explored. Examines the relationship between diversity and the unequal distribution of resources and life trajectories.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PLAN 685. Water and Sanitation Planning and Policy in Less Developed Countries. 3 Credits.**

Permission of the instructor. Seminar on policy and planning approaches for providing improved community water and sanitation services in developed countries. Topics include the choice of appropriate technology and level of service, pricing, metering, and connection charges; cost recovery and targeting subsidies to the poor; water venting; community participation in the management and operation of water systems; and rent-seeking behavior in the provision of water supplies.

**Grading status:** Letter grade

**Same as:** ENVR 685.

**PLAN 686. Policy Instruments for Environmental Management. 3 Credits.**

Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.

**Requisites:** Prerequisite, ECON 410 or PLAN 710.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PLCY 686, ENEC 686, ENVR 686.

**PLAN 687. International Development and Social Change. 3 Credits.**

Permission of the instructor. Course explores effect of the global economy on national and community development, effect of environmental degradation processes on development, and strategies to guide social change.

**Grading status:** Letter grade.

**PLAN 691H. Honors Seminar in Urban and Regional Studies. 3 Credits.**

Permission of the instructor. An overview of the subject matter and methods of investigation for the study of cities and regions. Presentations of original papers prepared by students.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Urban Studies and Planning Minor

### Contact Information

Department of City and Regional Planning

Visit Program Website (<http://www.planning.unc.edu>)  
 New East Building, CB# 3140  
 (919) 962-3983

**Noreen McDonald, Chair**

**Bill Rohe, Director of Undergraduate Studies**  
 brohe@unc.edu

**Sandra Lazo de la Vega, Student Services Manager**  
 sandral@unc.edu

City and regional planning is an interdisciplinary field that seeks to improve the quality of life for people in human settlements. Planners are involved in designing solutions to pressing societal problems such as urban sprawl, unemployment, homelessness, environmental pollution, and urban decay. They are involved in guiding the type and location of new development, creating balanced transportation systems (including walking and biking), promoting economic development for all residents, protecting the environment, expanding affordable housing, and revitalizing urban neighborhoods.

City and regional planners are hired by national, state, and local governments; national, regional, and local nonprofit groups; and private sector firms including development companies and consulting firms.

A minor in urban studies and planning allows students to learn about cities and planning processes, to enrich or expand their major, and to explore how they can be involved in improving the prosperity, livability, and equity of cities, towns, and regions. Having a minor in urban studies and planning can help students in the job market, as it teaches skills valued by many employers. It can also help students explore the possibility of pursuing a master's degree in planning.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
PLAN 246	Cities of the Past, Present, and Future: Introduction to Planning <sup>1</sup>	3
PLAN 247	Solving Urban Problems <sup>1</sup>	3
Select three additional PLAN courses numbered 200 through 699. <sup>2</sup>		9
Total Hours		15

<sup>1</sup> PLAN 246 and PLAN 247 should be completed before taking the additional courses for the minor.

<sup>2</sup> Students can also choose from PLAN courses at the 700- and 800-levels with instructor permission.

City and Regional Planning (PLAN) course list (p. 338).

# DEPARTMENT OF CLASSICS

## Contact Information

### Department of Classics

Visit Program Website (<http://classics.unc.edu>)

212 Murphey Hall, CB# 3145

(919) 962-7191

### James B. Rives, Chair

[jbrives@email.unc.edu](mailto:jbrives@email.unc.edu)

### Janet Downie, Director of Undergraduate Studies

[jdownie@email.unc.edu](mailto:jdownie@email.unc.edu)

## Introduction

The Department of Classics engages in teaching and researching the civilization of the ancient Greek and Roman world in its broadest sense, from the Bronze Age Aegean to the transmission of classical literature in the Middle Ages and beyond. Our primary focus is the language, literature, art, and archaeology of the ancient Greeks and Romans, but our reach extends to all aspects of their culture as well as to related civilizations of the ancient Mediterranean world. Our field is inherently interdisciplinary, and we draw on a range of approaches in order to understand the diversity of these civilizations and to explore the varied ways in which people in later periods, including our own, have found them meaningful.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointments (see contact information above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site.

## Graduate School and Career Opportunities

The undergraduate curriculum prepares students for specialized graduate study in classical studies: classical philology, comparative literature, archaeology (prehistoric, classical, and Byzantine), medieval studies, philosophy, art history, ancient history, or linguistics. While many graduating students go on to graduate programs in the humanities and social sciences, others pursue careers in a range of fields, including law, medicine, business, archaeology, and secondary education. Students who wish to be certified to teach in public high schools should major in Latin and then apply for admission to an accredited M.A.T. program.

### Majors

- Classics Major, B.A.—Classical Archaeology (p. 352)
- Classics Major, B.A.—Classical Civilization (p. 353)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)

- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

## Professors

Robert Babcock, Donald C. Haggis, Sharon James, James J. O'Hara, James B. Rives, Patricia Rosenmeyer.

## Associate Professors

Emily Baragwanath, Luca Grillo.

## Assistant Professors

Janet Downie, Al Duncan, Jennifer E. Gates-Foster, Suzanne Lye, Hérica Valladares.

## Professors Emeriti

Carolyn L. Connor, George W. Houston, George Kennedy, Jerzy Linderski, Sara Mack, William H. Race, Kenneth J. Reckford, Peter M. Smith, Philip A. Stadter, William C. West, Cecil W. Wooten.

## CLAR—Classical Archaeology Undergraduate-level Courses

### CLAR 50. First-Year Seminar: Art in the Ancient City. 3 Credits.

The course offers a comparative perspective on the archaeology of ancient Egypt and Bronze Age Greece (3000-1100 BCE) exploring the public art produced by these two early Mediterranean societies: the Aegean Bronze Age palace centers of Crete and Mainland Greece and the territorial state of ancient Egypt.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

### CLAR 50H. First-Year Seminar: Art in the Ancient City. 3 Credits.

The course offers a comparative perspective on the archaeology of ancient Egypt and Bronze Age Greece (3000-1100 BCE) exploring the public art produced by these two early Mediterranean societies: the Aegean Bronze Age palace centers of Crete and Mainland Greece and the territorial state of ancient Egypt.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade.

### CLAR 51. First-Year Seminar: Who Owns the Past?. 3 Credits.

Archaeology is all about the past, but it is embedded in the politics and realities of the present day. This course introduces students to the ethical, moral, and political dimensions of archaeological sites and artifacts, especially in situations where the meaning and stewardship of ancient artifacts is under dispute.

**Gen Ed:** PH, CI, GL.

**Grading status:** Letter grade.

**CLAR 51H. First-Year Seminar: Who Owns the Past?. 3 Credits.**

Archaeology is all about the past, but it is embedded in the politics and realities of the present day. This course introduces students to the ethical, moral, and political dimensions of archaeological sites and artifacts, especially in situations where the meaning and stewardship of ancient artifacts is under dispute.

**Gen Ed:** PH, CI, GL.

**Grading status:** Letter grade.

**CLAR 110. The Archaeology of Palestine in the New Testament Period. 3 Credits.**

This course surveys the archaeology of Palestine (modern Israel and Jordan) from the Persian period (ca. 586 BCE) to the Muslim conquest (640 CE).

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 110, JWST 110.

**CLAR 120. Ancient Cities. 3 Credits.**

An introduction to Mediterranean archaeology through the examination of archaeological sites from the Neolithic period (ca. 9000 BCE) to the Roman Empire (fourth century CE). The sites, geographic and cultural areas, and chronological periods of study vary depending on instructor. Does not satisfy classical archaeology major requirements.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CLAR 120H. Ancient Cities. 3 Credits.**

An introduction to Mediterranean archaeology through the examination of archaeological sites from the Neolithic period (ca. 9000 BCE) to the Roman Empire (fourth century CE). The sites, geographic and cultural areas, and chronological periods of study vary depending on instructor. Does not satisfy classical archaeology major requirements.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CLAR 190. Special Topics in Classical Archaeology. 3 Credits.**

A special topics course on a selected aspect of classical archaeology.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**CLAR 200. Art and Fashion from Rome to Timbuktu. 3 Credits.**

In the Roman Empire and in contemporary Africa, clothing reflects local symbolic systems and global trade networks. Rome is imagined as the source of Western culture, and Africa evokes distant exoticism; this course will complicate such conceptions. Through fashion we explore political, economic, and religious systems, as well as creativity.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** ARTH 200.

**CLAR 241. Archaeology of Ancient Near East. 3 Credits.**

A survey of the cultures of the ancient Near East, Mesopotamia, Anatolia (modern Turkey) and the Levant, from the first settled villages of the ninth millennium to the Persian conquest of Babylon in 539 BCE.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAR 242. Archaeology of Egypt. 3 Credits.**

A survey of the archaeological remains of ancient Egypt, from the earliest settlements of the Neolithic period until the end of the New Kingdom.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAR 243. Minoans and Mycenaeans: The Archaeology of Bronze Age Greece. 3 Credits.**

A survey of the material culture of Greece, the Cyclades, and Crete from the Paleolithic period (ca. 50,000 years ago) until the end of the Bronze Age (ca. 1200 BCE). Primary focus will be the urbanized palatial centers that emerged in mainland Greece (Mycenaean) and the island of Crete (Minoan).

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CLAR 244. Greek Archaeology. 3 Credits.**

The historical development of the art and architecture of Greece from the Bronze Age through the Hellenistic period.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**CLAR 245. Archaeology of Italy. 3 Credits.**

The historical development of the Italian peninsula as seen in its physical remains, with emphasis upon Etruscan and Roman sites.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**CLAR 246. History of Early Christian and Byzantine Art. 3 Credits.**

An introduction to the history of Christian art in Italy and the eastern Mediterranean from the time of Constantine (ca. 300) to the end of the Byzantine Empire (fall of Constantinople in 1453). Major monuments and art forms will be studied with an emphasis on their historical and cultural context.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**CLAR 247. Roman Archaeology. 3 Credits.**

This course explores the archaeology of the Roman world between the eighth century BCE and the fifth century CE, focusing on issues of urbanization, trade and consumption, colonization, and the Roman army.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade.

**CLAR 262. Art of Classical Greece. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. A chronological study of the main development of Greek sculpture, architecture and painting from the fifth to the first centuries BCE.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** ARTH 262.

**CLAR 263. Roman Art. 3 Credits.**

The arts of Rome, particularly architecture, sculpture, and painting, preceded by a survey of Etruscan and Hellenic art and their influence on Rome.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade

**Same as:** ARTH 263.

**CLAR 268. Hellenistic Art and Archaeology (350-31 BCE). 3 Credits.**

Survey of the archaeology of the Hellenistic Mediterranean from the time of Alexander the Great until the Roman conquest (350-31 BCE), with emphasis on art and architecture of cities and sanctuaries.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade

**Same as:** ARTH 268.

**CLAR 375. Archaeology of Cult. 3 Credits.**

This course examines the archaeological context of Greek religion, cults, and associated rituals from the Bronze Age until the Hellenistic period with emphasis on urban, rural, and panhellenic sanctuaries, and methods of approaching ancient religion and analyzing cult practices.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** RELI 375.

**CLAR 380. Life in Ancient Pompeii. 3 Credits.**

In this course we will explore the history and archaeology of Pompeii with the goal of better understanding daily life in the early Roman empire. The course proceeds topically, moving from an exploration of the city's public spaces to an analysis of more private domains—houses, gardens, and tombs. We will also consider evidence from ancient literature and epigraphy. Students may not receive credit for both CLAR 380 and CLAS 73.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CLAR 396. Independent Study in Classical Archaeology. 3 Credits.**

Special readings and research in a selected field or topic under the direction of a faculty member. Permission of the instructor and the Director of Undergraduate Studies.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****CLAR 411. Archaeological Field Methods. 3 Credits.**

Systematic introduction to archaeological field methods, especially survey and excavation techniques.

**Grading status:** Letter grade.

**CLAR 460. Greek Painting. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A survey of the development of Greek art from geometric to Hellenistic painting through a study of Greek vases, mosaics, and mural paintings.

**Grading status:** Letter grade

**Same as:** ARTH 460.

**CLAR 461. Archaic Greek Sculpture. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A focused study of sculpture during the Archaic period in Greece.

**Grading status:** Letter grade

**Same as:** ARTH 461.

**CLAR 462. Classical Greek Sculpture. 3 Credits.**

Permission of the instructor. A focused study of Greek sculpture during the classical period.

**Grading status:** Letter grade

**Same as:** ARTH 462.

**CLAR 463. Hellenistic Greek Sculpture. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A focused study of Greek sculpture in the Hellenistic period.

**Grading status:** Letter grade

**Same as:** ARTH 463.

**CLAR 464. Greek Architecture. 3 Credits.**

A survey of Greek architectural development from the Dark Ages through the fourth century BCE. Special topics include the beginnings of monumental architecture, the development of the orders, and interpretations of individual architects in terms of style and proportions.

**Requisites:** Prerequisite, CLAR 244; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** ARTH 464.

**CLAR 465. Architecture of Etruria and Rome. 3 Credits.**

The development of architecture in the Roman world from the ninth century BCE through the fourth century CE. The course focuses on the development of urbanism and the function, significance, and evolution of the main building types and their geographic distribution.

**Requisites:** Prerequisite, CLAR 245, CLAR 247, or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade

**Same as:** ARTH 465.

**CLAR 474. Roman Sculpture. 3 Credits.**

Survey of Roman sculpture (200 BCE-300 CE), including portraiture, state reliefs, funerary monuments, and idealizing sculpture, with emphasis on style, iconography, and historical development of sculpture in its sociocultural, political, and religious contexts.

**Requisites:** Prerequisite, CLAR 245, CLAR 247 or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** ARTH 474.

**CLAR 475. Frontiers and Provinces of the Roman Empire. 3 Credits.**

A survey of the material remains of the frontiers and provinces of the Roman Empire and the variety of responses to Roman imperialism. Issues of language, gender, ethnicity, globalization, and power will be considered.

**Requisites:** Prerequisite, any CLAR course at the 200-level or higher (preferably CLAR 245 or CLAR 247); permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CLAR 476. Roman Painting. 3 Credits.**

Surveys Roman painting from 200 BCE to 300 CE, with emphasis on style, iconography, historical development of painting in its sociocultural, political, and religious contexts. Treats current debates in scholarship.

**Requisites:** Prerequisite, any CLAR or ARTH course at the 200-level or higher (preferably CLAR 245, CLAR 247, or CLAR/ARTH 263); permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade

**Same as:** ARTH 476.



**CLAR 480. Egypt after the Pharaohs. 3 Credits.**

This course explores the archaeological and historical evidence for life in Egypt between 332 BCE and 324 CE, when the traditions of Pharaonic Egypt came together with the customs and culture of Greek and Roman conquerors to create a society incorporating the traditions of native Egyptian and Mediterranean peoples.

**Requisites:** Prerequisite, any CLAR course at the 200-level of higher (preferably CLAR 242 or CLAR 247); permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**CLAR 488. The Archaeology of the Near East in the Iron Age. 3 Credits.**

A survey of the principal sites, monuments, and art of the Iron Age Near East, ca. 1200 to 500 BCE.

**Requisites:** Prerequisite, CLAR 241; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**CLAR 489. The Archaeology of Anatolia in the Bronze and Iron Ages. 3 Credits.**

A survey of Anatolian archaeology from the third millennium through the sixth century BCE.

**Requisites:** Prerequisite, CLAR 241 or permission of the instructor.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAR 491. The Archaeology of Early Greece (1200-500 BCE). 3 Credits.**

This course surveys the development of Greek material culture from 1200 to 500 BCE, exploring the origins of Greek art, architecture, cities, and sanctuaries in the Aegean and eastern Mediterranean.

**Requisites:** Prerequisite, any CLAR course at the 200-level or higher (preferably CLAR 243 or CLAR 244); permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**CLAR 512. Ancient Synagogues. 3 Credits.**

This is a course on ancient synagogues in Palestine and the Diaspora from the Second Temple period to the seventh century CE.

**Requisites:** Prerequisite, RELI 110; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 512, JWST 512.

**CLAR 561. Mosaics: The Art of Mosaic in Greece, Rome, and Byzantium. 3 Credits.**

Required preparation, any course in classics, art history, or religious studies. Traces the development of mosaic technique from Greek antiquity through the Byzantine Middle Ages as revealed by archaeological investigations and closely analyzes how this dynamic medium conveyed meaning.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**CLAR 650. Field School in Classical Archaeology. 6 Credits.**

This course is an introduction to archaeological field methods and excavation techniques, through participation in archaeological excavation.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

## CLAS—Classics in English/Classical Civilization

### Undergraduate-level Courses

**CLAS 51. First-Year Seminar: Greek Drama from Page to Stage. 3 Credits.**

This seminar takes a participatory approach to ancient Greek theater, exploring the dual nature of drama as performance and script. It provides a historical overview of the extraordinary Athenian fifth century (BCE), emphasizing ways theater interacts with art, law, myth, and politics. Theatrical exercises and performances complement several writing assignments.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**CLAS 55. First-Year Seminar: Three Greek and Roman Epics. 3 Credits.**

This first-year seminar will involve a close reading of Homer's Iliad and Odyssey and Vergil's Aeneid, and as a transition from Homer to Vergil, students will also read the tragedies of Sophocles from fifth-century Athens.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 55H. First-Year Seminar: Three Greek and Roman Epics. 3 Credits.**

This first-year seminar will involve a close reading of Homer's Iliad and Odyssey and Vergil's Aeneid, and as a transition from Homer to Vergil, students will also read the tragedies of Sophocles from fifth-century Athens.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 56. First-Year Seminar: Women and Men in Euripides. 3 Credits.**

What can be learned from Greek tragedy about human nature? This first-year seminar will serve, first of all, as an introduction to Euripidean drama in its cultural and historical setting in fifth-century Athens.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 57. First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot. 3 Credits.**

This seminar will study the great tragic heroines of ancient Greek drama, focusing on Clytemnestra, Medea, Alcestis, Phaedra, the Trojan Women, Antigone. Students will also read a contemporary novel, by Fay Weldon, that engages many of these mythic women. Students will study the Greek tragedies intensively, along with their reception in later literature and art.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CLAS 57H. First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot. 3 Credits.**

This seminar will study the great tragic heroines of ancient Greek drama, focusing on Clytemnestra, Medea, Alcestis, Phaedra, the Trojan Women, Antigone. Students will also read a contemporary novel, by Fay Weldon, that engages many of these mythic women. Students will study the Greek tragedies intensively, along with their reception in later literature and art.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CLAS 58. First-Year Seminar: What's So Funny? Women and Comedy from Athens to Hollywood. 3 Credits.**

This first-year seminar will consider what Greeks and Romans found funny, as well as how that humor translated (or not) into modern America. Students will write and present publicly a short comic play that represents the themes they identify and study in this seminar.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 60. First-Year Seminar: Love, War, Death, and Family Life in Classical Myth. 3 Credits.**

This first-year seminar studies parent-child relations, gender dynamics, and conflict in mythic families. Students will study these mythic families, looking especially at parent-child relations, gender dynamics, and conflict; the seminar will ask what aspects of ancient culture are revealed by these legends and stories.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**CLAS 60H. First-Year Seminar: Love, War, Death, and Family Life in Classical Myth. 3 Credits.**

This first-year seminar studies parent-child relations, gender dynamics, and conflict in mythic families. Students will study these mythic families, looking especially at parent-child relations, gender dynamics, and conflict; the seminar will ask what aspects of ancient culture are revealed by these legends and stories.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**CLAS 61. First-Year Seminar: Writing the Past. 3 Credits.**

Translated works of three Greek historians—Herodotus, Thucydides, and Polybius—will provide a lens through which to explore the capacity for literature and other modes of representation to convey history.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**CLAS 62. First-Year Seminar: Barbarians in Greek and Roman Culture. 3 Credits.**

A study of Greek and Roman depictions of non-Greeks and non-Romans in both literary and visual sources, with consideration of their origin, development, and social roles.

**Gen Ed:** HS, CI, WB.

**Grading status:** Letter grade.

**CLAS 63. First-Year Seminar: The Politics of Persuasion in the Ancient and Modern Worlds. 3 Credits.**

Are there rules for crafting a successful speech? The art and the mechanisms of persuasion will be considered both as a discipline with its own laws and practices and as a window into the values and debates that animate the public life of diverse civilizations.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 64. First-Year Seminar: Cinema and the Ancient World. 3 Credits.**

In this first-year seminar, students will investigate what films set in classical Roman antiquity say about contemporary culture, and will also attempt to understand their impact on the shaping of our sense of history.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CLAS 65. First-Year Seminar: The City of Rome. 3 Credits.**

This first-year seminar is an introduction to the history and art of Rome from antiquity through the present. Students will survey the entire period, but will look in particular at four specific periods in the city's life from the early second century CE until the present day.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**CLAS 67. First-Year Seminar: Helen of Troy: From Homer to Hollywood. 3 Credits.**

The myth of Helen of Troy has inspired countless creative responses, from Homer's Iliad to Hollywood's Troy; all of them raise questions about the value of beauty and love within society. The course requires no prior knowledge of the classics, although you should be familiar with Homer's Iliad and Odyssey.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 71. First-Year Seminar: The Architecture of Empire. 3 Credits.**

The goal of the first-year seminar will be to examine the architecture of ancient empires, beginning with that of Egypt and ending with the Roman Empire. Analysis will be particularly concerned with the use of architecture as an instrument of empire.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAS 71H. First-Year Seminar: The Architecture of Empire. 3 Credits.**

The goal of the first-year seminar will be to examine the architecture of ancient empires, beginning with that of Egypt and ending with the Roman Empire. Analysis will be particularly concerned with the use of architecture as an instrument of empire.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAS 73. First-Year Seminar: Life in Ancient Pompeii. 3 Credits.**

A study of this well-preserved ancient site provides an understanding of life in an Italian town during the early Roman empire. Students will study town planning, architecture, the arts, social organization, politics, entertainment, artisanry, commerce, and family life in this first-year seminar. Students may not receive credit for both CLAS 380 and CLAS 73.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAS 73H. First-Year Seminar: Life in Ancient Pompeii. 3 Credits.**

A study of this well-preserved ancient site provides an understanding of life in an Italian town during the early Roman empire. Students will study town planning, architecture, the arts, social organization, politics, entertainment, artisanry, commerce, and family life in this first-year seminar. Students may not receive credit for both CLAS 380 and CLAS 73.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**CLAS 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course; contents will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**CLAS 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course; contents will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**CLAS 121. The Greeks. 3 Credits.**

Introduction to the history, literature, religion, philosophy, science, art and architecture of Greece from Homer to Alexander the Great. Emphasis on primary sources.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 121H. The Greeks. 3 Credits.**

Introduction to the history, literature, religion, philosophy, science, art and architecture of Greece from Homer to Alexander the Great. Emphasis on primary sources.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 122. The Romans. 3 Credits.**

A survey of Roman civilization from the beginning to the late empire, dealing with history, literature, archaeology, philosophy and religion, technology, the economy, and social and political institutions.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**CLAS 122H. The Romans. 3 Credits.**

A survey of Roman civilization from the beginning to the late empire, dealing with history, literature, archaeology, philosophy and religion, technology, the economy, and social and political institutions.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**CLAS 123. Summer Study Abroad in Greece. 3 Credits.**

Introduction to the history and culture of ancient Greece, from the Bronze Age to the end of the Roman period, through field study of historical and archaeological sites in Greece.

**Gen Ed:** EE- Field Work, NA, WB.

**Grading status:** Letter grade.

**CLAS 125. Word Formation and Etymology. 3 Credits.**

Systematic study of the formation of words from Greek or Latin to build vocabulary and recognition. For medical terminology see CLAS 126.

**Grading status:** Letter grade.

**CLAS 126. Medical Word Formation and Etymology. 3 Credits.**

Systematic study of the formation of medical terms from Greek and Latin roots, to build vocabulary and recognition. For general etymology see CLAS 125.

**Grading status:** Letter grade.

**CLAS 131. Classical Mythology. 3 Credits.**

An introduction to the mythology of the ancient Greek and Roman world. Readings may include selections from Homer, Hesiod, Greek tragedy, and Vergil.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 131H. Classical Mythology. 3 Credits.**

An introduction to the mythology of the ancient Greek and Roman world. Readings may include selections from Homer, Hesiod, Greek tragedy, and Vergil.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 133H. Epic and Tragedy. 3 Credits.**

First-year honors students only. Study of classical epic and tragedy. Special emphasis on Homer's Iliad and Odyssey, and on the rethinking of Homeric epic in the tragedies of Aeschylus, Sophocles, and Euripides.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**CLAS 231. The Theater in the Greek and Roman World. 3 Credits.**

An investigation of the history, aesthetics, politics, and influence of theater in the ancient Greek and Roman world, with attention to themes of power, passion, rhetoric, resistance, gender, and identity. The course also includes a substantial practical component, with students taking on a number of the dramaturgical roles involved in the production of ancient drama.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**CLAS 240. Women in Greek Art and Literature. 3 Credits.**

Course examines law, religion, medicine, social practices, and ideologies in the lives of women in ancient Greece, from Homer to Hellenistic Egypt, using literature, art, and epigraphy.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 240.

**CLAS 240H. Women in Greek Art and Literature. 3 Credits.**

Course examines law, religion, medicine, social practices, and ideologies in the lives of women in ancient Greece, from Homer to Hellenistic Egypt, using literature, art, and epigraphy.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 240H.

**CLAS 241. Women in Ancient Rome. 3 Credits.**

Course examines the life of women in ancient Rome, from the first beginnings of the organized community in Rome through the early Empire, a period of about 900 years. Also explores aspects of the lives of women in provinces governed by Rome.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 241.

**CLAS 241H. Women in Ancient Rome. 3 Credits.**

Course examines the life of women in ancient Rome, from the first beginnings of the organized community in Rome through the early Empire, a period of about 900 years. Also explores aspects of the lives of women in provinces governed by Rome.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 241H.

**CLAS 242. Sex and Gender in Antiquity. 3 Credits.**

Exploration of gender constructs, what it meant to be a woman or a man, in antiquity, as revealed in literary, historical, and archaeological sources. Readings from Homer, Euripides, Plato, Ovid, Virgil, Juvenal, Petronius, and other ancient authors.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 242.

**CLAS 253. The Age of Pericles. 3 Credits.**

An introduction to classical civilization through study of its most important period in Greece. Attention to history, philosophy, and art. Lecture and discussion.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 253H. The Age of Pericles. 3 Credits.**

An introduction to classical civilization through study of its most important period in Greece. Attention to history, philosophy, and art. Lecture and discussion.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 254. Alexander and the Age of Hellenism. 3 Credits.**

An introduction to classical civilization through study of the period in which it spreads beyond mainland Greece to influence and partially merge with the cultures of the Near East, Egypt, and Rome. Attention to history, literature, philosophy, and art. Lectures and discussion.

**Grading status:** Letter grade.

**CLAS 257. The Age of Augustus. 3 Credits.**

An introduction to classical civilization through study of the literature, history, and art of one of the most crucial periods in Roman history. Lectures and discussion.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 257H. The Age of Augustus. 3 Credits.**

An introduction to classical civilization through study of the literature, history, and art of one of the most crucial periods in Roman history. Lectures and discussion.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 258. The Age of the Early Roman Empire. 3 Credits.**

An introduction to the civilization of the Roman Empire through study of the literature, history, and archaeology of its most colorful period.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 259. Pagans and Christians in the Age of Constantine. 3 Credits.**

Introduction to the literature and culture of the time of the Roman Emperor Constantine. Special attention to the fundamental cultural and social changes resulting from the Christianization of the Empire.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 263. Athletics in the Greek and Roman World. 3 Credits.**

Study of athletics as a unifying force in ancient society, emphasizing the Olympic games and other religious festivals. Consideration of athletic professionalism, propaganda, and social trends using literary and archaeological sources.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**CLAS 263H. Athletics in the Greek and Roman World. 3 Credits.**

Study of athletics as a unifying force in ancient society, emphasizing the Olympic games and other religious festivals. Consideration of athletic professionalism, propaganda, and social trends using literary and archaeological sources.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**CLAS 361. Homer and the Heroic Age of Greece. 3 Credits.**

The Iliad, the Odyssey. Hesiod, heroic and oral poetry. The archaeology of Homeric Greece, the study and influence of the Homeric poems in modern times.

**Grading status:** Letter grade.

**CLAS 362. Greek Tragedy. 3 Credits.**

An introduction to the three great tragedians of ancient Greece and to their historical and cultural context. Discussion is based on close readings of the English translations of selected plays by Aeschylus, Euripides, and Sophocles.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 362H. Greek Tragedy. 3 Credits.**

An introduction to the three great tragedians of ancient Greece and to their historical and cultural context. Discussion is based on close readings of the English translations of selected plays by Aeschylus, Euripides, and Sophocles.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CLAS 363. Latin and Greek Lyric Poetry in Translation. 3 Credits.**

Introduction to the lyric and elegiac poetry of antiquity in English translation, including Hesiod, Sappho, Catullus, Ovid, and Horace.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CLAS 364. The Classical Background of English Poetry. 3 Credits.**

Study of classical writers' influence on selected genres of English poetry.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CMPL 364.

**CLAS 364H. The Classical Background of English Poetry. 3 Credits.**

Study of classical writers' influence on selected genres of English poetry.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CMPL 364H.

**CLAS 371. Cicero, Caesar, and the End of the Roman Republic. 3 Credits.**

Cicero and Caesar provide a window into the end of the Roman Republic, and the end of the Republic provides a privileged ground for applying different methodologies of research (e.g. history, literature, political science, philosophy, etc.). This interdisciplinary course includes student presentations.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**CLAS 391. Junior Seminar. 3 Credits.**

Junior standing required. The topic of this course varies according to instructor, but in all cases is designed to bring together all departmental majors in their examination of a particular topic in the study of the ancient Mediterranean from an interdisciplinary perspective. Seminar format and research focus.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**CLAS 396. Independent Study in Classical Studies. 3 Credits.**

Students may suggest to the chair of the department topics for individual or group study. Advance arrangements required.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****CLAS 409. Historical Literature Greek and Roman. 3 Credits.**

The study in English translation of selections from Herodotus, Thucydides, Livy, Tacitus, and others, with consideration of their literary qualities and their readability as historians.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.



**CLAS 415. Roman Law. 3 Credits.**

This course combines a survey of the main areas of Roman law in their social and historical context with the close study of primary texts illustrating Roman law in practice, especially case studies from the writings of Roman jurists; particular attention is given to the logic and application of ancient Roman legal thought.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**CLAS 415H. Roman Law. 3 Credits.**

This course combines a survey of the main areas of Roman law in their social and historical context with the close study of primary texts illustrating Roman law in practice, especially case studies from the writings of Roman jurists; particular attention is given to the logic and application of ancient Roman legal thought.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**CLAS 511. Grammar as a Guide to Effective Writing. 1 Credit.**

A systematic review of English grammar for students of Latin and Greek, combined with practical exercises in prose style and effective writing.

**Requisites:** Prerequisite, GREK 204 or LATN 204.

**Grading status:** Letter grade.

**CLAS 691H. Honors Course. 3 Credits.**

Honors course for departmental majors in classical archaeology, classical civilization, Greek, and Latin.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**CLAS 692H. Honors Course. 3 Credits.**

Honors course for departmental majors in classical archaeology, classical civilization, Greek, and Latin.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## GREK—Greek

### Undergraduate-level Courses

**GREK 101. Elementary Classical Greek I. 4 Credits.**

Comprehensive coverage of basic grammar and syntax in two semesters, preparing students for reading Plato or Xenophon in GREK 203 (and with the instructor's permission, New Testament Greek in GREK 205).

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GREK 102. Elementary Classical Greek II. 4 Credits.**

Comprehensive coverage of basic grammar and syntax in two semesters, preparing students for reading Plato or Xenophon in GREK 203 (and with the instructor's permission, New Testament Greek in GREK 205).

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GREK 203. Intermediate Greek I. 3 Credits.**

Review of fundamentals; reading in selected classical texts, such as Xenophon, Plato, Euripides, or others.

**Requisites:** Prerequisites, GREK 101 and 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GREK 204. Intermediate Greek II. 3 Credits.**

Continuation of GREK 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GREK 205. Introductory Greek New Testament. 3 Credits.**

Readings from the Greek New Testament and related texts, with particular attention to grammar and syntax and consideration of their literary and cultural context.

**Requisites:** Prerequisite, GREK 203; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GREK 221. Advanced Greek I. 3 Credits.**

Substantial readings from Homer's Iliad or Odyssey, the remainder of the selected poems to be read in translation.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**GREK 222. Advanced Greek II. 3 Credits.**

Readings from classical Greek poetry or prose, with attention to their syntax, style, and cultural and historical context.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GREK 351. Classical Greek Prose. 3 Credits.**

Readings in Herodotus, Thucydides, Plato, or other authors, with attention to their style and cultural/historical context. With permission of the department, this course may be repeated for credit.

**Requisites:** Prerequisite, GREK 221 or 222; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GREK 352. Greek Poetry. 3 Credits.**

Readings from Homer, Greek tragedy, or other Greek poetry. With permission of the department, this course may be repeated for credit.

**Requisites:** Prerequisite, GREK 221 or 222; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GREK 396. Special Readings in Greek Literature. 3 Credits.**

**Requisites:** Prerequisite, GREK 222.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**GREK 409. Greek New Testament. 3 Credits.**

**Requisites:** Prerequisite, GREK 222; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** RELI 409.

## LATN—Latin

### Undergraduate-level Courses

**LATN 101. Elementary Latin I. 4 Credits.**

The basic elements of Latin grammar, practice in reading and writing Latin, introduction to Roman civilization through a study of the language of the Romans. Students may not receive credit for both LATN 101 and LATN 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.



**LATN 102. Elementary Latin II. 4 Credits.**

The basic elements of Latin grammar, practice in reading and writing Latin, introduction to Roman civilization through a study of the language of the Romans. Students may not receive credit for both LATN 102 and LATN 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**LATN 203. Intermediate Latin I. 3 Credits.**

Review of fundamentals. Reading in selected texts such as Catullus, Ovid, Cicero, or others. Students may not receive credit for both LATN 203 and LATN 212.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**LATN 204. Intermediate Latin II. 3 Credits.**

Review of fundamentals. Reading in selected texts such as Catullus, Ovid, Cicero, or others.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**LATN 205. Medieval Latin. 3 Credits.**

Reading in selected texts of medieval Latin literature.

**Requisites:** Prerequisite, LATN 203; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** WB, FL.

**Grading status:** Letter grade.

**LATN 221. Vergil. 3 Credits.**

Systematic review of Latin grammar. Reading in Virgil's Aeneid, normally two books in Latin, and the remainder in translation. First-year and sophomore elective.

**Requisites:** Prerequisite, LATN 204.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**LATN 222. Cicero: The Man and His Times. 3 Credits.**

Careful reading of selected works of Cicero, exercises in Latin composition.

**Requisites:** Prerequisite, LATN 204.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**LATN 223. Ovid. 3 Credits.**

Systematic review of Latin grammar. Reading in Ovid's Metamorphoses, normally two books in Latin, and the remainder in translation. First-year and sophomore elective.

**Requisites:** Prerequisite, LATN 204; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**LATN 331. Roman Historians. 3 Credits.**

Readings in Caesar, Sallust, and/or Livy.

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**LATN 332. Roman Comedy. 3 Credits.**

Readings in Plautus and Terence, or both.

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**LATN 333. Lyric Poetry. 3 Credits.**

Readings in Catullus and Horace.

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**LATN 334. Augustan Poetry. 3 Credits.**

Readings in Ovid, Tibullus, Propertius, or other poets.

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**LATN 335. Roman Elegy. 3 Credits.**

This course studies Ovid, Propertius, and Tibullus, focusing on themes such as love, male-female relations, politics, war, Roman culture, and poetry itself.

**Requisites:** Prerequisite, LATN 221 or 223; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**LATN 351. Lucretius. 3 Credits.**

Readings in Lucretius and related works.

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**LATN 352. Petronius and the Age of Nero. 3 Credits.**

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**LATN 353. Satire (Horace and Juvenal). 3 Credits.**

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**LATN 354. Tacitus and Pliny's Letters. 3 Credits.**

**Requisites:** Prerequisite, LATN 221.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**LATN 396. Special Readings in Latin Literature. 3 Credits.**

**Requisites:** Prerequisite, LATN 221; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****LATN 601. Accelerated Elementary Latin. 3 Credits.**

An intensive introduction to Latin grammar and syntax, equivalent to LATN 101 and 102. Students may not receive credit for the following course pairs: LATN 101 and 601; LATN 102 and 601.

**Grading status:** Letter grade.

**LATN 602. Accelerated Intermediate Latin. 3 Credits.**

An intensive review of Latin grammar, along with vocabulary building and the development of reading and translation skills, equivalent to LATN 203 and 204. Students may not receive credit for the following course pairs: LATN 203 and 602; LATN 204 and 602.

**Grading status:** Letter grade.

# Classics Major, B.A.—Classical Archaeology

## Contact Information

### Department of Classics

Visit Program Website (<http://classics.unc.edu>)  
212 Murphey Hall, CB# 3145  
(919) 962-7191

**James B. Rives, Chair**  
jbrives@email.unc.edu

**Janet Downie, Director of Undergraduate Studies**  
jdownie@email.unc.edu

This concentration focuses on the material remains of prehistoric and classical antiquity, while also providing a background in civilization, history, and at least one classical language. The program of study is designed to give students a basic knowledge of the art and architecture of the Greeks and Romans and to introduce them to the use of archaeology in the reconstruction of the past, including Egypt and the ancient Near East.

Majors in classical archaeology may not elect a minor in the classical language that they use to satisfy their major requirements, although they may elect a minor in the other classical language. Students interested in majoring in classical archaeology should consult the department as early as possible.

## Department Programs

### Majors

- Classics Major, B.A.—Classical Archaeology (p. 352)
- Classics Major, B.A.—Classical Civilization (p. 353)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)
- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

## Student Learning Outcomes

Upon completion of the classical archaeology program, students should be able to:

- Recognize and discuss the main monuments of the Graeco-Roman world and place them within their broader historical context
- Read either Latin or ancient Greek and interpret the literature of that language at a level appropriate for continuation in graduate school
- Analyze and assess the material remains of classical antiquity, employing current and standard archaeological methods and theory

- Carry out independent research projects. They will be able to propose a useful research topic, gather evidence (employing both ancient materials and secondary scholarship, as appropriate), formulate theses based on the evidence, and set out the evidence, arguments for and against the theses, and conclusions. They will be able to do this employing the methods and conventions of modern scholarship.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
CLAR 244	Greek Archaeology	3
CLAR 245	Archaeology of Italy	3
or CLAR 247	Roman Archaeology	
CLAR 411	Archaeological Field Methods	3
or ANTH 220	Principles of Archaeology	
CLAS 391	Junior Seminar	3
Four additional courses in classical archaeology, including two numbered between CLAR 400 and CLAR 699 <sup>1</sup>		12
HIST 225	History of Greece	3
or HIST 226	History of Rome	
<b>Additional Requirements</b>		
GREK or LATN up to 204 or 205 <sup>2</sup>		3
Total Hours		30

<sup>1</sup> CLAS 691H and CLAS 692H can be used to satisfy this requirement, but CLAR 120 cannot

<sup>2</sup> The first three levels of GREK or LATN can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Classical Archaeology (CLAR) course descriptions (p. 343).

## Special Opportunities in Classics

### Honors in Classics

Classics majors wishing to take part in the departmental honors program during their senior year must have a grade point average of at least 3.3 at the beginning of their senior year and maintain an average no lower than this through their final semester in order to be eligible for honors consideration.

The program consists of two courses, CLAS 691H and CLAS 692H, taken sequentially in the fall and spring semesters. CLAS 691H involves a directed reading in Greek, Latin, or archaeology in a general area of the student's interest and is conducted under the supervision of a faculty member chosen by the student to serve as the honors

advisor. Requirements of the course include the preparation of a thesis prospectus with accompanying bibliography and a preliminary oral examination by the student's thesis committee. A grade for CLAS 691H is assigned on the basis of the total semester's work. CLAS 692H entails the writing of the thesis under the direction of the honors advisor and a final oral defense before the candidate's committee. This body, in turn, reports its judgment to the department. If a degree with honors is to be awarded, a recommendation for either honors or, for particular merit, highest honors is made.

### Additional Opportunities

The Department of Classics supports a number of activities, including informal reading groups; the local chapter of Eta Sigma Phi, the national undergraduate classics honorary society; and annual oral performances and prize competitions in reciting and translating Greek and Latin texts. Several of the prize competitions involve substantial cash awards.

Opportunities for undergraduate research include especially the senior honors thesis and participation in archaeological fieldwork as research assistants. The department encourages majors and minors to take part in summer archaeological field projects. Other opportunities for study abroad include the programs of the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens, and the exchange with King's College London. A number of departmental fellowships and other funding opportunities can help support participation in archaeological field projects and other research projects. Lastly, the Duke–UNC Consortium for Classical and Mediterranean Archaeology provides archaeology students access to coursework, seminars, excavations and other research opportunities, academic advising, and avenues for curricular and extracurricular interaction across both institutions. For further information about prizes, fellowships, and opportunities for research and study abroad, see the departmental Web site (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs>).

## Classics Major, B.A. – Classical Civilization

### Contact Information

#### Department of Classics

Visit Program Website (<http://classics.unc.edu>)  
212 Murphey Hall, CB# 3145  
(919) 962-7191

#### James B. Rives, Chair

[jbrives@email.unc.edu](mailto:jbrives@email.unc.edu)

#### Janet Downie, Director of Undergraduate Studies

[jdownie@email.unc.edu](mailto:jdownie@email.unc.edu)

This concentration is designed to provide students with a broad, basic knowledge of the classical world and with skills in analysis, written and oral communication, and logical argument that will be applicable in any profession. The civilization program is not designed to lead to graduate work in classics, although students do sometimes go on in the field, and it is often taken as part of a double major.

Majors in classical civilization may not elect a minor in the classical language that they use to satisfy their major requirements, although they may elect a minor in the other classical language. Students considering a major in classical civilization should consult the department as soon as possible.

## Department Programs

### Majors

- Classics Major, B.A. – Classical Archaeology (p. 352)
- Classics Major, B.A. – Classical Civilization (p. 353)
- Classics Major, B.A. – Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)
- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

## Student Learning Outcomes

Upon completion of the classical civilization major, students should be able to:

- Read and translate either Latin or Greek at an intermediate level
- Outline the main periods and events in ancient history and discuss in detail several specific periods in that history. They will be able to relate the literatures of Greece and Rome to the historical developments.
- Analyze and assess the various types of evidence that survive from the ancient world, including written texts, historical materials, ancient art, and a range of material remains. They will be able to employ current and standard methods and theory in such analyses. They will be able to write essays and expository papers in which they demonstrate these abilities.
- Carry out independent research projects. They will be able to propose a useful research topic, gather evidence (employing both ancient materials and secondary scholarship, as appropriate), formulate theses based on the evidence, and set out the evidence, arguments for and against the theses, and conclusions. They will be able to do this employing the methods and conventions of modern scholarship.

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
CLAS 121	The Greeks <sup>H</sup>	3
CLAS 122	The Romans <sup>H</sup>	3

CLAS 391	Junior Seminar	3
One of the three following courses:		3
CLAR 244	Greek Archaeology	
CLAR 245	Archaeology of Italy	
CLAR 247	Roman Archaeology	
One GREK or LATN course numbered 204 or higher, except LATN 212		3
Four additional courses chosen from the following list:		12
Any CLAR or CLAS course at the 200 level or above		
Any GREK or LATN course numbered 221 or higher		
Courses in ancient history at the 200 level or above (list below)		
Courses in ancient philosophy at the 200 level or above (list below)		
<b>Additional Requirements</b>		
GREK 101, GREK 102, and GREK 203; or LATN 101, LATN 102, and LATN 203 <sup>1</sup>		
Total Hours		27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The first three levels of GREK or LATN can count toward the General Education Foundations requirement.

The department course listing (p. 343) shows course descriptions for Classical Archaeology (CLAR), Classics in English/Classical Civilization (CLAS), Greek (GREK), and Latin (LATN).

## Ancient History

Code	Title	Hours
HIST 225	History of Greece	3
HIST 226	History of Rome	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 423	Archaic Greece, 800-480 BCE	3
HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
HIST 425	Roman History, 154 BCE-14 CE	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ancient Philosophy

Code	Title	Hours
PHIL 210	Ancient Greek Philosophy <sup>H</sup>	3
PHIL 411	Aristotle	3
PHIL 412	Plato	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Classics Honors in Classics

Classics majors wishing to take part in the departmental honors program during their senior year must have a grade point average of at least 3.3 at the beginning of their senior year and maintain an average no lower than this through their final semester in order to be eligible for honors consideration.

The program consists of two courses, CLAS 691H and CLAS 692H, taken sequentially in the fall and spring semesters. CLAS 691H involves a directed reading in Greek, Latin, or archaeology in a general area of the student's interest and is conducted under the supervision of a faculty member chosen by the student to serve as the honors advisor. Requirements of the course include the preparation of a thesis prospectus with accompanying bibliography and a preliminary oral examination by the student's thesis committee. A grade for CLAS 691H is assigned on the basis of the total semester's work. CLAS 692H entails the writing of the thesis under the direction of the honors advisor and a final oral defense before the candidate's committee. This body, in turn, reports its judgment to the department. If a degree with honors is to be awarded, a recommendation for either honors or, for particular merit, highest honors is made.

## Additional Opportunities

The Department of Classics supports a number of activities, including informal reading groups; the local chapter of Eta Sigma Phi, the national undergraduate classics honorary society; and annual oral performances and prize competitions in reciting and translating Greek and Latin texts. Several of the prize competitions involve substantial cash awards. Opportunities for undergraduate research include especially the senior honors thesis and participation in archaeological fieldwork as research assistants. The department encourages majors and minors to take part in summer archaeological field projects. Other opportunities for study abroad include the programs of the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens, and the exchange with King's College London. A number of departmental fellowships and other funding opportunities can help support participation in archaeological field projects and other research projects. Lastly, the Duke–UNC Consortium for Classical and Mediterranean Archaeology provides archaeology students access to coursework, seminars, excavations and other research opportunities, academic advising, and avenues for curricular and extracurricular interaction across both institutions. For further information about prizes, fellowships, and opportunities for research and study abroad, see the departmental Web site (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs>).

## Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin

### Contact Information

#### Department of Classics

Visit Program Website (<http://classics.unc.edu>)

212 Murphey Hall, CB# 3145

(919) 962-7191

**James B. Rives, Chair**

[jbrives@email.unc.edu](mailto:jbrives@email.unc.edu)

**Janet Downie, Director of Undergraduate Studies**

jdownie@email.unc.edu

## Classics Major, B.A. – Greek

The goal of the concentration in Greek is the development of a basic command of the language and a solid knowledge of the literature, history, and culture of the Greeks. Students interested in an undergraduate major in Greek or in a combined major in Greek and Latin should consult the department by the second semester of the sophomore year. For Greek as satisfying the language requirement for the B.A. degree, see the General Education section in this catalog.

## Classics Major, B.A. – Latin

The goal of the concentration in Latin is the development of a basic command of the language and a solid knowledge of the literature, history, and culture of the Romans. Students interested in an undergraduate major in Latin or a combined major in Latin and Greek should consult the department by the second semester of the sophomore year. For Latin as satisfying the language requirement for the B.A. degree, see the General Education section in this catalog.

## Classics Major, B.A. – Combined Greek and Latin

This is not a double major, but a concentration designed to develop facility in both ancient languages and in the literatures of both Greece and Rome. This program is recommended for students who have a strong interest in continuing classical languages at the graduate level. In this major students emphasize one language yet acquire facility in the other.

## Department Programs

### Majors

- Classics Major, B.A. – Classical Archaeology (p. 352)
- Classics Major, B.A. – Classical Civilization (p. 353)
- Classics Major, B.A. – Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)
- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

## Student Learning Outcomes

Upon completion of the Greek, Latin, and combined programs, students should be able to:

- Translate into idiomatic English passages in prose and poetry in the target languages
- Analyze and evaluate the works of Greek and Latin authors, both in writing and orally. If appropriate given the nature of the material, they will be able to place the passages within their historical or literary contexts, and they will demonstrate an ability to employ

earlier scholarship as well as current methodological and theoretical approaches.

- Conduct independent research projects. Their work will demonstrate an ability to employ scholarly conventions and current methodologies.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

### Classics Major, B.A. – Greek

Code	Title	Hours
<b>Core Requirements</b>		
CLAS 391	Junior Seminar	3
GREK 204	Intermediate Greek II	3
	or GREK 205 Introductory Greek New Testament	
Five additional courses in Greek above GREK 205 <sup>1</sup>		15
HIST 225 or a course numbered 400 or above in Greek history		3
<b>Additional Requirements</b>		
GREK 101	Elementary Classical Greek I <sup>2</sup>	
GREK 102	Elementary Classical Greek II <sup>2</sup>	
GREK 203	Intermediate Greek I <sup>2</sup>	
Total Hours		24

<sup>1</sup> CLAS 691H or CLAS 692H may on petition to the department count towards this requirement

<sup>2</sup> The first three levels of GREK can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Greek (GREK) course descriptions (p. 343).

### Classics Major, B.A. – Latin

Code	Title	Hours
CLAS 391	Junior Seminar	3
HIST 226 or a course numbered 400 or above in Roman history		3
LATN 204	Intermediate Latin II	3
	or LATN 205 Medieval Latin	
Six additional courses in Latin above LATN 205 <sup>1</sup>		18
<b>Additional Requirements</b>		
LATN 101	Elementary Latin I <sup>2</sup>	
LATN 102	Elementary Latin II <sup>2</sup>	
LATN 203	Intermediate Latin I <sup>2</sup>	
Total Hours		27

<sup>1</sup> CLAS 691H or CLAS 692H may on petition to the department count towards this requirement



<sup>2</sup> The first three levels of LATN can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Latin (LATN) course descriptions (p. 343).

## Classics Major, B.A.—Combined Greek and Latin

Code	Title	Hours
<b>Core Requirements</b>		
Choose one emphasis <sup>1</sup>		30
<b>Greek Emphasis</b>		
Five Greek courses above GREK 205		
Three Latin courses above LATN 205		
CLAS 391	Junior Seminar	
HIST 225	History of Greece or HIST 226 History of Rome	
<b>Latin Emphasis</b>		
Five Latin courses above LATN 205		
Three Greek courses above GREK 205		
CLAS 391	Junior Seminar	
HIST 225	History of Greece or HIST 226 History of Rome	
<b>Additional Requirements</b> <sup>2</sup>		17
GREK 101	Elementary Classical Greek I	
GREK 102	Elementary Classical Greek II	
GREK 203	Intermediate Greek I	
GREK 204	Intermediate Greek II or GREK 205 Introductory Greek New Testament	
LATN 101	Elementary Latin I	
LATN 102	Elementary Latin II	
LATN 203	Intermediate Latin I	
LATN 204	Intermediate Latin II or LATN 205 Medieval Latin	
<b>Total Hours</b>		<b>47</b>

<sup>1</sup> CLAS 691H or 692H may on petition to the department substitute for one course above 205 in either the Greek emphasis or the Latin emphasis.

<sup>2</sup> The first three levels of GREK or LATN can count toward the General Education Foundations requirement and have not been included as additional hours for the major. The 14 hours of the second language are included in the additional hours for the major.

Greek (GREK) and Latin (LATN) course descriptions (p. 343).

## Special Opportunities in Classics

### Honors in Classics

Classics majors wishing to take part in the departmental honors program during their senior year must have a grade point average of at least 3.3 at the beginning of their senior year and maintain an average no lower than this through their final semester in order to be eligible for honors consideration.

The program consists of two courses, CLAS 691H and CLAS 692H, taken sequentially in the fall and spring semesters. CLAS 691H involves a directed reading in Greek, Latin, or archaeology in a general area

of the student's interest and is conducted under the supervision of a faculty member chosen by the student to serve as the honors advisor. Requirements of the course include the preparation of a thesis prospectus with accompanying bibliography and a preliminary oral examination by the student's thesis committee. A grade for CLAS 691H is assigned on the basis of the total semester's work. CLAS 692H entails the writing of the thesis under the direction of the honors advisor and a final oral defense before the candidate's committee. This body, in turn, reports its judgment to the department. If a degree with honors is to be awarded, a recommendation for either honors or, for particular merit, highest honors is made.

### Additional Opportunities

The Department of Classics supports a number of activities, including informal reading groups; the local chapter of Eta Sigma Phi, the national undergraduate classics honorary society; and annual oral performances and prize competitions in reciting and translating Greek and Latin texts. Several of the prize competitions involve substantial cash awards. Opportunities for undergraduate research include especially the senior honors thesis and participation in archaeological fieldwork as research assistants. The department encourages majors and minors to take part in summer archaeological field projects. Other opportunities for study abroad include the programs of the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens, and the exchange with King's College London. A number of departmental fellowships and other funding opportunities can help support participation in archaeological field projects and other research projects. Lastly, the Duke–UNC Consortium for Classical and Mediterranean Archaeology provides archaeology students access to coursework, seminars, excavations and other research opportunities, academic advising, and avenues for curricular and extracurricular interaction across both institutions. For further information about prizes, fellowships, and opportunities for research and study abroad, see the departmental Web site (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs>).

## Classical Humanities Minor

### Contact Information

#### Department of Classics

Visit Program Website (<http://classics.unc.edu>)  
212 Murphey Hall, CB# 3145  
(919) 962-7191

#### James B. Rives, Chair

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#### Janet Downie, Director of Undergraduate Studies

[jdownie@email.unc.edu](mailto:jdownie@email.unc.edu)

Classics is the study of the ancient Greek and Roman world; the Greek and Latin languages and literature; and the history, art, and culture that have been fundamental in shaping modern society. The minor in classical humanities is ideal for students who would like a structured introduction to ancient Greek and Roman civilization without the need to study one of the classical languages.

### Department Programs

#### Majors

- Classics Major, B.A.—Classical Archaeology (p. 352)
- Classics Major, B.A.—Classical Civilization (p. 353)

- Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)
- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One of the following:		3
CLAR 244	Greek Archaeology	
CLAR 245	Archaeology of Italy	
CLAR 247	Roman Archaeology	
CLAS 121 or CLAS 122	The Greeks <sup>H</sup> The Romans	3
CLAS 131	Classical Mythology <sup>H</sup>	3
Two additional courses: any CLAR or CLAS course numbered above 132 or any GREK or LATN course not being used to fulfill the foreign language General Education (p. 27) requirement		6
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Department of Classics course descriptions (p. 343) include:

- Classical Archaeology (CLAR)
- Classics in English/Classical Civilization (CLAS)
- Greek (GREK)
- Latin (LATN)

See the program page here (p. 352) for special opportunities.

## Greek Minor

## Contact Information

### Department of Classics

Visit Program Website (<http://classics.unc.edu>)  
212 Murphey Hall, CB# 3145

(919) 962-7191

### James B. Rives, Chair

[jbrives@email.unc.edu](mailto:jbrives@email.unc.edu)

### Janet Downie, Director of Undergraduate Studies

[jdownie@email.unc.edu](mailto:jdownie@email.unc.edu)

Classics is the study of the ancient Greek and Roman world; the Greek and Latin languages and literature; and the history, art, and culture that have been fundamental in shaping modern society. The Greek minor is a less intensive version of the Greek concentration in the major, and requires only three courses in Greek beyond the fourth semester. It is a useful option for students with a particular interest in ancient philosophy or early Christianity.

## Department Programs

### Majors

- Classics Major, B.A.–Classical Archaeology (p. 352)
- Classics Major, B.A.–Classical Civilization (p. 353)
- Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)
- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b> <sup>1</sup>		
GREK 204 or GREK 205	Intermediate Greek II Introductory Greek New Testament	3
Two (2) additional courses numbered GREK 221 or higher		6
One (1) additional course chosen from any CLAR or CLAS course or any GREK or LATN course not being used to fulfill the foreign language General Education (p. 27) requirement		3
Total Hours		12

<sup>1</sup> The minor in Greek may not be used as an option for majors in classical archaeology or classical civilization who have chosen that language to fulfill degree requirements in that major.

Department of Classics course descriptions (p. 343) include:

- Classical Archaeology (CLAR)
- Classics in English/Classical Civilization (CLAS)
- Greek (GREK)
- Latin (LATN)

See the program page here (p. 356) for special opportunities.

## Latin Minor

### Contact Information

#### Department of Classics

Visit Program Website (<http://classics.unc.edu>)  
212 Murphey Hall, CB# 3145  
(919) 962-7191

#### James B. Rives, Chair

[jbrives@email.unc.edu](mailto:jbrives@email.unc.edu)

#### Janet Downie, Director of Undergraduate Studies

[jdownie@email.unc.edu](mailto:jdownie@email.unc.edu)

Classics is the study of the ancient Greek and Roman world; the Greek and Latin languages and literature; and the history, art, and culture that have been fundamental in shaping modern society. The Latin minor is a less intensive version of the Latin concentration in the major, and requires only four courses in Latin beyond the fourth semester. It is a useful option for students who have studied Latin in high school and would like to continue for their own enjoyment, as well as for students with a particular interest in medieval or early modern studies.

## Department Programs

### Majors

- Classics Major, B.A.—Classical Archaeology (p. 352)
- Classics Major, B.A.—Classical Civilization (p. 353)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 354)

### Minors

- Classical Humanities Minor (p. 356)
- Greek Minor (p. 357)
- Latin Minor (p. 358)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC—Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Four (4) courses in Latin numbered LATN 221 or higher		12
Total Hours		12

The minor in Latin may not be used as an option for majors in classical archaeology or classical civilization who have chosen that language to fulfill degree requirements in that major.

Latin (LATN) course descriptions (p. 343).

See the program page here (p. 356) for special opportunities.

# DEPARTMENT OF COMMUNICATION

## Contact Information

### Department of Communication

Visit Program Website (<http://comm.unc.edu>)

115 Bingham Hall, CB# 3285

(919) 962-2311

**Patricia Parker, Chair**

**Sarah Dempsey, Director of Undergraduate Studies**

[sedempse@email.unc.edu](mailto:sedempse@email.unc.edu)

## Introduction

The study of communication is essential for participating in an increasingly complex and mediated global environment. The Department of Communication's mission is to advance communication for the public good. Through its teaching, research, and service, the department addresses the many ways communication functions to create, sustain, and transform personal life, social relations, political institutions, economic organizations, and cultural and aesthetic conventions in society; promotes competencies required for various modes of mediated and non-mediated communication; and develops skills for analyzing, interpreting, and critiquing communication problems and questions. The curriculum is designed to enable students to develop the capacities to be knowledgeable and responsible producers and consumers of communication through engagement, critique, and creativity. The programs of study offered by the department reflects its vision of citizen-scholars building a better North Carolina and world.

## Advising

Department advising for the major in communication studies is conducted by

1. a full-time lecturer/advisor who holds office hours in Swain Hall and Steele Building (see the department's Web site for the advisor's office and office hours),
2. the director of undergraduate studies for the Department of Communication (see the department's Web site for the director's office and office hours), and
3. representative faculty members.

## Facilities

The department has extensive media production and performance studies facilities located in Swain Hall and Bingham Hall. Swain Hall is home to state-of-the-art media production equipment, classroom space, and editing suites. It also houses Studio 6, where numerous live performances are staged. Bingham Hall contains the Martha Nell Hardy Performance Space.

## Graduate School and Career Opportunities

Upon completion of their degrees, students are prepared for graduate study and research in communication. Advanced study may be pursued in a problem-defined approach to communication research. A substantial number of graduate assistantships allow M.A.-through-Ph.D. and Ph.D.-only candidates to gain experience in research, teaching, production, and administration. Graduate study is characterized by intensive participation

in seminars, original research and creative activities, and close work with individual faculty members. Students are also prepared for advanced study in related academic disciplines such as law.

The career outlook for students with degrees in communication studies is promising, and graduates enter a variety of professions that value communication knowledge and skills. Communication studies majors are prepared to serve as communication specialists in business; in federal, state, and local governments and agencies; and in public service. Some of the specific areas in which majors pursue careers are teaching, social advocacy, nonprofit leadership and management, public relations and advertising, personnel management and training, management consulting, video and film production, and work with emerging technologies.

An understanding of communication provides a strong base for a range of career options. The mission of the department is to go beyond narrow technical training by providing a liberal arts approach to communication. This provides the student with maximum latitude for promotion and advancement and avoids limited career opportunities resulting from narrow approaches to the field.

The burgeoning growth of communication industries and support fields provides a range of career opportunities. Graduates of the department, who number well over 4,000, are engaged in a variety of occupations ranging from work for international corporations to jobs at local nonprofit organizations.

### Majors

- Communication Studies Major, B.A. (p. 370)
- Interdisciplinary Studies Major, B.A.–Cultural Studies (p. 374)

### Minor

- Writing for the Screen and Stage Minor (p. 375)

### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication>)

## Professors

V. William Balthrop, Carole Blair, Cori Dauber, Lawrence Grossberg, Torin Monahan, Dennis K. Mumby, Della Pollock, Joyce Rudinsky.

## Associate Professors

William Brown, Richard Cante, Renee Alexander Craft, Sarah E. Dempsey, Christian O. Lundberg, Steven K. May, Michael Palm, Patricia Parker, Tony Perucci, Edward Rankus, Kumi Silva, Michael S. Waltman, Eric K. Watts.

## Assistant Professors

Julia Haslett, Alice Marwick, China Medel, Katie Margavio Striley, Neal Thomas.

## Adjunct Professors

Jonathan Boyarin, Dana Coen, Arturo Escobar, Greg Flaxman, Jacquelyn Hall, Jordynn Jack, Mark Katz, Daniel Kreiss, Federico Luisetti, John McGowan, John Pickles, Jack M. Richman, Barry Saunders, Randall Styers.

## Lecturers

Michael Acosta, Howard Craft, Kristin Hondros, Joseph Megel, Stephen Neigher.

## Professors Emeriti

Beverly Long Chapin, Robert Cox, Howard D. Doll, Paul Ferguson, Ken Hillis, Gorham A. Kindem, James W. Pence Jr., Lawrence B. Rosenfeld, Francesca Talenti, Julia Wood.

## COMM—Communication Studies

### Undergraduate-level Courses

#### **COMM 51. First-Year Seminar: Organizing and Communicating for Social Entrepreneurs. 3 Credits.**

This course examines the historical and current development of social entrepreneurship as a field of study and practice, with particular attention to successful organizational communication strategies designed to solve community problems.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **COMM 53. First-Year Seminar: Collective Leadership Models for Community Change. 3 Credits.**

This course will explore communication models for collective leadership involving youth and adults in vulnerable communities. Partnering with local youth-focused organizations, students will work in teams to research and design community-based change projects.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade.

#### **COMM 57. First-Year Seminar: Is There Life after College?: The Meaning of Work in Contemporary Life. 3 Credits.**

Examines the historical emergence of work as a defining feature of contemporary life. The course asks, What is a "career"? How have neoliberalism and post-Fordism influenced understandings of work and career? How have changing conceptions of work influenced other aspects of life, including family, leisure, consumption, and self-identity?

**Grading status:** Letter grade.

#### **COMM 61. First-Year Seminar: The Politics of Performance. 3 Credits.**

In this course students will explore the possibilities of making political performances, or making performances political. We will be particularly concerned with how performance may contribute to processes of social change.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **COMM 62. First-Year Seminar: African American Literature and Performance. 3 Credits.**

This course examines the question of what characterizes "Blackness" as it manifests through experience, history, and symbol in the United States, as well as the impact of African practices and identities upon blackness in the United States. The course is concerned with what has been termed the "black literary imagination.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **COMM 63. First-Year Seminar: The Creative Process in Performance. 3 Credits.**

Students will be engaged with multimedia, music, dance, and theater performances. We will explore the creative processes and cultural contexts of these performances and will compare the arts as a way of knowing the world to the creative processes of academic scholarship.

**Gen Ed:** VP, CI, US.

**Grading status:** Letter grade.

#### **COMM 70. First-Year Seminar: Southern Writing in Performance. 3 Credits.**

A performance-centered seminar focusing on the works of North Carolina writers, especially those who write fiction and poetry, and on researching, discussing, adapting, and performing that content.

**Gen Ed:** LA.

**Grading status:** Letter grade.

#### **COMM 73. First-Year Seminar: Understanding Place through Rhetoric. 3 Credits.**

This seminar explores how we come to understand what places are and how they are meaningful. We will look at places "rhetorically": how they were designed to persuade those who inhabit them, how we actually experience them, and how we make sense of them in our individual lives.

**Grading status:** Letter grade.

#### **COMM 82. First-Year Seminar: Food Politics from an Organizational Communication Perspective. 3 Credits.**

This course provides an applied introduction to food politics by adopting a critical organizational communication lens on our globalized food system. We explore food system labor practices, the role of multinational companies and global commodity chains, the status of hunger and food deserts, the role of food marketing and consumption practices, and the growth of local and sustainable movements devoted to food justice.

**Gen Ed:** SS, CI, EE- Service Learning.

**Grading status:** Letter grade.

#### **COMM 83. First-Year Seminar: Networked Societies. 3 Credits.**

This seminar is designed to introduce early-career students to the role that networks play in contemporary global societies. We will examine key ways to think about network societies by taking up the idea of the network in social, political, economic, cultural, and technological terms.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **COMM 85. First-Year Seminar: Think, Speak, Argue. 3 Credits.**

This is a course in learning to think more critically, speak more persuasively, and argue more effectively by focusing on practical skill development in reasoning and debate.

**Gen Ed:** CI.

**Grading status:** Letter grade.

#### **COMM 86. First-Year Seminar: Surveillance and Society. 3 Credits.**

How are surveillance technologies altering social life? This course will explore this question by mapping the complex ways that technologies and societies interact to produce security, fear, control, vulnerability, and/or empowerment.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.



**COMM 88. First-Year Seminar: Technologies of Popular Culture. 3 Credits.**

This seminar takes an historical approach to the relationship between popular culture and technological change. We will explore how artists and other workers (including audiences) in the TV, smart phone, and especially music industries have incorporated new technology into the production, distribution, and consumption of cultural commodities and experiences.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**COMM 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 100. Communication and Social Process. 3 Credits.**

Addresses the many ways our communication—including language, discourse, performance, and media—reflects, creates, sustains, and transforms prevailing social and cultural practices.

**Grading status:** Letter grade.

**COMM 113. Public Speaking. 3 Credits.**

Theory and extensive practice in various types of speaking.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**COMM 120. Introduction to Interpersonal and Organizational Communication. 3 Credits.**

An introduction to communication theory, research, and practice in a variety of interpersonal and organizational contexts. This course examines the role of communication in both personal and professional relationships.

**Grading status:** Letter grade

**Same as:** MNGT 120.

**COMM 120H. Introduction to Interpersonal and Organizational Communication. 3 Credits.**

An introduction to communication theory, research, and practice in a variety of interpersonal and organizational contexts. This course examines the role of communication in both personal and professional relationships.

**Grading status:** Letter grade

**Same as:** MNGT 120H.

**COMM 130. Introduction to Media Production. 3 Credits.**

Permission of the instructor for nonmajors. Prerequisite for all production courses. Introduces students to basic tools, techniques, and conventions of production in audio, video, and film.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 131. Writing for the Screen and Stage. 3 Credits.**

Restricted course. Dramatic writing workshop open only to students in the writing for the screen and stage minor.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade

**Same as:** DRAM 131.

**COMM 140. Introduction to Media History, Theory, and Criticism. 3 Credits.**

An introduction to the critical analysis of film, television, advertising, video, and new media texts, contexts, and audiences.

**Grading status:** Letter grade.

**COMM 140H. Introduction to Media History, Theory, and Criticism. 3 Credits.**

An introduction to the critical analysis of film, television, advertising, video, and new media texts, contexts, and audiences.

**Grading status:** Letter grade.

**COMM 142. Popular Music. 3 Credits.**

This class explores the historical, social, political, and cultural significances of popular music as a communicative practice in the United States from 1950 to the present.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 150. Introduction to New Media. 3 Credits.**

An introduction to the design, aesthetics, and analysis of various forms of digital media. Hands-on experience with different modes of creation, including graphics, web-based communication, and social media.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 160. Introduction to Performance Studies. 3 Credits.**

As the introductory course in performance studies, students will explore and experiment with performance as ritual, performance in everyday life, and the performance of literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**COMM 160H. Introduction to Performance Studies. 3 Credits.**

As the introductory course in performance studies, students will explore and experiment with performance as ritual, performance in everyday life, and the performance of literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**COMM 170. Rhetoric and Public Issues. 3 Credits.**

Examines the basic nature and importance of rhetoric and argumentation. Attention is devoted to interpreting the persuasive function of texts and their relation to modern forms of life.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**COMM 171. Argumentation and Debate. 3 Credits.**

Analysis of issues, use of evidence, reasoning, briefmaking, and refutation. Argumentative speeches and debates on legal cases and on current events. Designed for prospective law students, public policy students, speech teachers, and college debaters.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**COMM 223. Small Group Communication. 3 Credits.**

Permission of the instructor for nonmajors. Introduction to the theory and practice of communication in the small group setting. Topics may include group development, conformity and deviation, gender, problem solving, and power and leadership.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade

**Same as:** MNGT 223.

**COMM 224. Introduction to Gender and Communication. 3 Credits.**

Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** WGST 224.

**COMM 224H. Introduction to Gender and Communication. 3 Credits.**

Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** WGST 224H.

**COMM 230. Audio/Video/Film Production and Writing. 3 Credits.**

The material, processes, and procedures of audio, video, and film production; emphasis on the control of those elements of convention that define form in the appropriate medium. Lecture and laboratory hours.

**Requisites:** Prerequisites, COMM 130 and 140; Grade of C or better in COMM 130; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**COMM 249. Introduction to Communication Technology, Culture, and Society. 3 Credits.**

Historical exploration of the sociocultural import of communication technologies, from the introduction of the telegraph in the mid-1800s through current implications of the Internet and various digital devices.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**COMM 251. Introduction to American Film and Culture, 1965-Present. 3 Credits.**

An introduction to some key connections between American film history and cultural history since 1965, most of which remain backbones of United States film culture to this day.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 260. Introduction to Performance and Social Change. 3 Credits.**

This course addresses the relationship between performance and power, focusing on topics concerned with the potential for performance to contribute to social change.

**Grading status:** Letter grade.

**COMM 262. Introduction to the Performance of Culture. 3 Credits.**

Introduces students to performance as a way of studying culture in all of its creative, dynamic forms, including family stories, joking, rituals, and practices of everyday life. The course emphasizes field methods and experiential research.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 262H. Introduction to the Performance of Culture. 3 Credits.**

Introduces students to performance as a way of studying culture in all of its creative, dynamic forms, including family stories, joking, rituals, and practices of everyday life. The course emphasizes field methods and experiential research.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 263. Performing Literature. 3 Credits.**

Introduction to the study and practice of performing literature. Students will create, rehearse, and stage performances that draw on fiction, poetry, non-fiction, and/or memoir.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**COMM 263H. Performing Literature. 3 Credits.**

Introduction to the study and practice of performing literature. Students will create, rehearse, and stage performances that draw on fiction, poetry, non-fiction, and/or memoir.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**COMM 312. Persuasion. 3 Credits.**

Permission of the instructor for nonmajors. Examines contemporary theory and practice of influencing others' attitudes, beliefs, and actions. Focuses particularly on analyzing and developing persuasive messages.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade.

**COMM 318. Cultural Diversity. 3 Credits.**

Introduction to basic paradigms of thinking about cultural difference, encouraging students to examine how these paradigms shape how we think, act, and imagine ourselves/others as members of diverse cultures.

**Gen Ed:** CI, US.

**Grading status:** Letter grade.

**COMM 325. Introduction to Organizational Communication. 3 Credits.**

Permission of the instructor for nonmajors. The course explores the historical and theoretical developments in the research and practice of organizational communication.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade

**Same as:** MNGT 325.

**COMM 325H. Introduction to Organizational Communication. 3 Credits.**

Permission of the instructor for nonmajors. The course explores the historical and theoretical developments in the research and practice of organizational communication.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade

**Same as:** MNGT 325H.

**COMM 330. Introduction to Writing for Film and Television. 3 Credits.**

An introduction to screenwriting for film and television.

**Grading status:** Letter grade.

**COMM 331. Writing the Short Film. 3 Credits.**

Students practice and learn the craft of narrative, short film writing by conceptualizing, outlining, writing, and rewriting three short film scripts. They include one three-minute silent, one five-minute script with dialogue, and one 15-minute script with dialogue.

**Grading status:** Letter grade.

**COMM 333. Writing the Feature Film. 3 Credits.**

Students complete the feature-length screenplay started in COMM 330 by finishing and rewriting it in a workshop setting. All students must have already completed an outline and the first 15 to 17 pages of their work.

**Requisites:** Prerequisite, COMM 330.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**COMM 334. Writing the One-Hour TV Drama. 3 Credits.**

Students in this class will live the life of a writing staff on a just-picked-up, fictional, one-hour television series. As if on a real series, they will individually and cooperatively create story ideas, treatments, and outlines, as well as write scenes, acts, and entire scripts.

**Requisites:** Prerequisite, COMM 330.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**COMM 335. Film Story Analysis. 3 Credits.**

A variety of feature films (both domestic and foreign) are screened in class and analyzed from a storytelling perspective. Emphasis is on the range of possibilities the screenwriter and film director face in the process of managing the audience's emotional involvement in a story.

**Grading status:** Letter grade.

**COMM 345. Women in Film. 3 Credits.**

This course examines the representations of women in contemporary American film and also considers women as producers of film.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** WGST 345.

**COMM 350. Practices of Cultural Studies. 3 Credits.**

Introduces students to the history, methods, and central intellectual questions of cultural studies.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

**COMM 355. Terrorism and Political Violence. 3 Credits.**

This course is a multi-disciplinary analysis of the phenomena of terrorism and political violence, their history, causes, the threat they pose, and what steps the United States can take in response.

**Grading status:** Letter grade

**Same as:** PWAD 355.

**COMM 362. Ritual, Theatre, and Performance Art. 3 Credits.**

Explores how each of these forms of performance communicates meaning and feeling and points to possibility. Students develop performances in each mode, informed by readings in anthropology and directing theory.

**Requisites:** Prerequisite, COMM 160; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** FOLK 565.

**COMM 364. Production Practices. 3 Credits.**

This course introduces students to the process of creating and producing technical aspects for live performance. Students engage in all practical and artistic aspects of production. Course includes a laboratory requirement.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 365. The Constructed Actor: Masks and Objects in Performance. 3 Credits.**

This course provides a performance-based instruction in the development of mask, puppet, and performing object skills.

**Requisites:** Prerequisite, COMM 160; DRAM 135, 145, or 150; EXSS 191; or PHYA 224.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 371. Argumentation. 3 Credits.**

This course examines the theory and practice of argument and deliberation in communication studies, drawing from resources in rhetorical studies, informal logic, and argumentation. Intended for pre-law, public policy and other students interested in argumentation.

**Grading status:** Letter grade.

**COMM 372. The Rhetoric of Social Movements. 3 Credits.**

Explores the discourse of dissident voices in American society, particularly as they speak about grievances pertaining to race, gender, the environment; focuses on rhetorical strategies that initiate and sustain social movements.

**Grading status:** Letter grade.

**COMM 374. The Southern Experience in Rhetoric. 3 Credits.**

Examines recurrent themes in the rhetoric of significant Southerners and important campaigns. Considers both the rhetoric of the establishment and the rhetoric of change.

**Gen Ed:** PH, US.

**Grading status:** Letter grade.

**COMM 375. Environmental Advocacy. 3 Credits.**

Explores rhetorical means of citizen influence of practices affecting our natural and human environment; also, study of communication processes and dilemmas of redress of environmental grievances in communities and workplace.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade

**Same as:** ENEC 375.

**COMM 376. The Rhetoric of War and Peace. 3 Credits.**

Explores philosophical assumptions and social values expressed by advocates of war and peace through a critical examination of such rhetorical acts as speeches, essays, film, literature, and song.

**Grading status:** Letter grade

**Same as:** PWAD 376.

**COMM 386. Dance and Embodied Knowledge in the Indian Context. 3 Credits.**

In this theory-practice course focusing on religion, performance, and South Asian studies we will analyze the nature of embodied knowledge, aesthetic theory, and the creative power of dance performance in the Indian context. The course also includes a practical component involving embodied experience with Indian classical dance forms.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** RELI 386, ASIA 386.

**COMM 387. Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture. 3 Credits.**

This course offers an introduction to the history and practice of East Asian martial arts. We will explore the social, political, and cultural contexts of the martial arts, from the classical period to the present.

Integral to this course is a practical component involving embodied experience with martial arts training.

**Gen Ed:** BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** RELI 387, ASIA 387.

**COMM 390. Special Topics in Communication Study. 3 Credits.**

A special topics course on a selected aspect of communication studies.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 393. Internships. 1-3 Credits.**

Permission of the department. Majors only. 2.5 cumulative grade point average required. Individualized study closely supervised by a faculty advisor and by the departmental coordinator of internships. Cannot count toward the COMM major.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 396. Independent Study and Directed Research. 1-3 Credits.**

Permission of the department. Majors only. 3.0 cumulative grade point average and 3.5 communication studies grade point average required. For communication studies majors who wish to pursue independent research projects or reading programs under the supervision of a selected instructor. Intensive individual research on a problem designed by instructor and student in conference.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****COMM 411. Critical Perspectives. 3 Credits.**

This course explores theories of criticism and symbolic action through readings, lecture, and practical criticism of literature, media, discourse, and other symbolic acts.

**Grading status:** Letter grade.

**COMM 412. Critical Theory. 3 Credits.**

An introduction to European modern and contemporary philosophy, from the enlightenment to contemporary postmodernism.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**COMM 413. Freud. 3 Credits.**

Examination of Freudian thought within and across historical contexts, with special attention to the centrality of gender and sexuality in the operations of the "human organism."

**Grading status:** Letter grade.

**COMM 422. Family Communication. 3 Credits.**

Growth in technologies, more frequent travel, and movements of products and people across the borders of nation states change concepts of family and community. Foregrounded by these realities, this course combines theories of family and communication with documentation of lived experience to interrogate family communication patterns in contemporary culture.

**Requisites:** Prerequisite, COMM 120.

**Gen Ed:** GL, US.

**Grading status:** Letter grade.

**COMM 422H. Family Communication. 3 Credits.**

Growth in technologies, more frequent travel, and movements of products and people across the borders of nation states change concepts of family and community. Foregrounded by these realities, this course combines theories of family and communication with documentation of lived experience to interrogate family communication patterns in contemporary culture.

**Requisites:** Prerequisite, COMM 120.

**Gen Ed:** GL, US.

**Grading status:** Letter grade.

**COMM 423. Critical Perspectives on Work, Labor, and Professional Life. 3 Credits.**

This upper level seminar develops a critical perspective on work, labor, and professional life within the global context. Throughout, we will engage in moral and philosophical debates about the status of labor and the meanings of work in our daily lives.

**Grading status:** Letter grade.

**COMM 430. History of American Screenwriting. 3 Credits.**

This viewing and research-intensive course examines the history of American narrative film through the screenwriter's experience, using a decade-by-decade approach to examine the political, social, global, psychological, religious, and cultural influences on the art, process, and careers of screenwriters.

**Grading status:** Letter grade.

**COMM 431. Advanced Audio Production. 3 Credits.**

Advanced analysis and application of the principles and methods of audio production.

**Requisites:** Prerequisite, COMM 130 or 150; Grade of C or better in COMM 130; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 432. Visual Culture. 3 Credits.**

Course provides an overview of theories of visual culture. We apply these theories to better understand contemporary visual media and technologies, along with the everyday media practices they support.

**Requisites:** Prerequisite, COMM 140; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**COMM 433. Intermediate Screenwriting. 3 Credits.**

Open only to students in the writing for the screen and stage minor. Conceiving and outlining a feature-length screenplay.

**Requisites:** Prerequisite, COMM 131.

**Grading status:** Letter grade.

**COMM 435. Memory Acts. 3 Credits.**

Advanced introduction to foundational work in memory and performance studies, emphasizing theory and practice of various forms of remembering.

**Grading status:** Letter grade.

**COMM 435H. Memory Acts. 3 Credits.**

Advanced introduction to foundational work in memory and performance studies, emphasizing theory and practice of various forms of remembering.

**Grading status:** Letter grade.

**COMM 437. United States Black Culture and Performance. 3 Credits.**

Examines how the United States Black experience is constituted in and through performance across a range of cultural contexts including the antebellum South, Reconstruction, the Harlem Renaissance, the Black Aesthetic, and contemporary urban life.

**Requisites:** Prerequisite, COMM 160.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.



**COMM 450. Media and Popular Culture. 3 Credits.**

Permission of the instructor for nonmajors. Examination of communication processes and cultural significance of film, television, and other electronic media.

**Requisites:** Prerequisite, COMM 140.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**COMM 452. Film Noir. 3 Credits.**

Permission of the instructor for nonmajors. Course combines reading about and viewing of 1940s and 1950s films combining narrative techniques of storytelling, novels, and the stage with purely filmic uses of spectacle, light, editing, and image.

**Requisites:** Prerequisite, COMM 140.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**COMM 453. The History of New Media Technology in Everyday Life. 3 Credits.**

The starting point for this course, chronologically and conceptually, is the emergence of popular media technology. Our purview includes transformative innovations in mediated communication, such as telephony and e-mail, alongside familiar media technologies such as televisions and computers.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 454. Media and Activism. 3 Credits.**

A study of the electronic media as a feedback mechanism for community organization and social change. A variety of broadcast and nonbroadcast uses of the media are studied.

**Grading status:** Letter grade.

**COMM 463. Creating the Solo Performance. 3 Credits.**

This course examines processes of creating and performing solo work. Students engage a variety of performances: autobiographical, representation of the lives of other/s, and exploration of cultural or political ideas.

**Requisites:** Prerequisite, COMM 160, DRAM 120, or ENGL 206, 207, or 208; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 464. Collaborative Performance. 3 Credits.**

Theory and practice of collaborative performance, emphasizing image, intertextual adaptation, site-specific and installation work, avant-garde traditions, and the play of time and space.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 464H. Collaborative Performance. 3 Credits.**

Theory and practice of collaborative performance, emphasizing image, intertextual adaptation, site-specific and installation work, avant-garde traditions, and the play of time and space.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 466. Advanced Study in Performing Literature. 3 Credits.**

This course engages the theory and embodiment of prose fiction, poetry, and other kinds of literary texts, including nonfiction. Students practice adaptation and script preparation, solo/group performance, and performance critique.

**Requisites:** Prerequisite, COMM 160.

**Gen Ed:** LA, EE- Performing Arts.

**Grading status:** Letter grade.

**COMM 470. Political Communication and the Public Sphere. 3 Credits.**

A course covering the relationship between communication and political processes and institutions. Topics include media coverage and portrayal of political institutions, elections, actors, and media influence on political beliefs.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**COMM 471. Rhetorics of Public Memory. 3 Credits.**

Takes up the fundamental assumptions of contemporary memory studies and the centrality of rhetoric to memory. Research focus on how constructions of the past respond to the present and future.

**Grading status:** Letter grade.

**COMM 472. Rhetorical Criticism. 3 Credits.**

Approaches to the analysis and assessment of rhetorical practice with a focus on how rhetoric reflects and shapes public culture.

**Requisites:** Prerequisite, COMM 170.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**COMM 490. Special Topics in Communication Studies. 3 Credits.**

Permission of the instructor for nonmajors. A special topics course on a selected aspect of communication studies.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 500. Visual and Material Rhetoric. 3 Credits.**

This course explores the use of rhetorical criticism as a way to understand how the visual and material are used for symbolic and political purposes. Examples ranging from news images to public art will be studied.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade.

**COMM 521. Communication and Social Memory. 3 Credits.**

Permission of the instructor for nonmajors. An investigation of psychological aspects of communication, particularly the perceptual and interpretive processes underlying the sending and receiving of messages.

**Grading status:** Letter grade.

**COMM 523. Communication and Leadership. 3 Credits.**

Permission of the instructor for nonmajors. Critical examination of alternative theories of leadership and trends in the study of leadership; focuses on the communicative dimensions of leadership.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade.

**COMM 524. Gender, Communication, and Culture. 3 Credits.**

Permission of the instructor for nonmajors. Course examines the speeches and other texts that announced and embodied the goals and political strategies of multiple branches of three waves of feminist activism in the United States.

**Requisites:** Prerequisites, COMM 224 and 372.

**Grading status:** Letter grade

**Same as:** WGST 524.

**COMM 524H. Gender, Communication, and Culture. 3 Credits.**

Permission of the instructor for nonmajors. Course examines the speeches and other texts that announced and embodied the goals and political strategies of multiple branches of three waves of feminist activism in the United States.

**Requisites:** Prerequisites, COMM 224 and 372.

**Grading status:** Letter grade

**Same as:** WGST 524H.



**COMM 525. Organizational Communication. 3 Credits.**

Permission of the instructor for nonmajors. Provides a critical exploration of organizational communication theory, research, and application, examining the factors involved in the functioning and analysis of complex organizations.

**Requisites:** Prerequisites, COMM 120 and 325.

**Grading status:** Letter grade.

**COMM 526. Critical-Cultural Approaches to Organizational Communication. 3 Credits.**

Permission of instructor for students lacking the prerequisite. The study of organizational culture operates on a set of assumptions distinct from traditional management perspectives. This course explores the cultural perspective as an alternative approach to understanding organizational communication processes.

**Requisites:** Prerequisite, COMM 325.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**COMM 527. Organizational Ethics. 3 Credits.**

A critical examination of the theory, research, and practice of organizational ethics.

**Requisites:** Prerequisite, COMM 325.

**Grading status:** Letter grade.

**COMM 532. Performing the Screenplay. 3 Credits.**

Introduces students to approaches for creating performance from screenplays and other texts for electronic media forms, focusing on scripts as literature and the tensions between live and electronically delivered performances.

**Grading status:** Letter grade.

**COMM 534. Aesthetic and Technical Considerations in Making Short Videos. 3 Credits.**

The course examines the aesthetic and technical elements at work and play in cinematic storytelling. The student is required to complete three projects and will gain hands-on experience in narrative filmmaking.

**Requisites:** Prerequisite, COMM 230.

**Grading status:** Letter grade.

**COMM 535. Introduction to Screen Adaptation. 3 Credits.**

Students practice the craft of screen adaptation by conceptualizing, outlining, and writing scenes based on material from another medium (both fiction and nonfiction). Work is presented, discussed, and performed in a workshop environment.

**Requisites:** Prerequisite, COMM 131, 330, ENGL 130, or 132H.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**COMM 537. Master Screenwriting. 3 Credits.**

Open only to students in the writing for the screen and stage minor. Students will write and workshop a full-length feature film screenplay. Students will learn about the film and television business through a combination of research, in-class discussions, and interactive interviews with industry insiders.

**Requisites:** Prerequisite, COMM 433.

**Grading status:** Letter grade.

**COMM 545. Pornography and Culture. 3 Credits.**

Examines the social, cultural, political, legal, historical, and aesthetic implications of pornography.

**Grading status:** Letter grade.

**COMM 546. History of Film I, 1895 to 1945. 3 Credits.**

Studies the development of the art of film through World War II by examining individual films and filmmakers and the emergence of national cinemas through interaction among aesthetic, social, economic, and technological factors.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 547. History of Film II, 1945 to Present. 3 Credits.**

Study of the development of the art of film from the end of World War II to the present day by examining individual films and filmmakers and the emergence of national cinemas through interaction among aesthetic, social, economic, and technological factors.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 548. Humor and Culture. 3 Credits.**

Permission of the instructor for nonmajors. Investigates how humor, comedy, and laughter function socially and culturally through close examination of selected United States popular media texts and the primary modern theoretical writings on these issues.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 549. Sexuality and Visual Culture. 3 Credits.**

Examines questions about sexuality and how it has changed over time, through various media of visual communication.

**Grading status:** Letter grade.

**COMM 550. American Independent Cinema. 3 Credits.**

Intensive investigation of some particularly influential strains for United States independent narrative cinema, with a focus on sociocultural contexts and the fuzziness of the word "independent."

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 551. Hitchcock and the Sign. 3 Credits.**

Course gives Alfred Hitchcock's cinema careful attention while tracking longstanding debates about signification and reference from philosophy, semiotics, literary theory, narratology, and visually into recent critical and cultural theory.

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 561. Performance of Women of Color. 3 Credits.**

Explores through performance contemporary poetry, fiction, nonfiction, and feminist thought by women of color in the United States.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade

**Same as:** WGST 561.

**COMM 561H. Performance of Women of Color. 3 Credits.**

Permission of the instructor for nonmajors. Explores through performance contemporary poetry, fiction, nonfiction, and feminist thought by women of color in the United States.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade

**Same as:** WGST 561H.

**COMM 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** FOLK 562, HIST 562, WGST 562.

**COMM 562H. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** FOLK 562H, HIST 562H, WGST 562H.

**COMM 563. Performance of Children's Literature. 3 Credits.**

The course explores advanced performance theory while focusing exclusively on contemporary poetry, prose fiction, and drama intended for young audiences. Both solo and group performances for young viewers are included.

**Requisites:** Prerequisite, COMM 160; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 564. Performance and Popular Culture. 3 Credits.**

Critical examination of the operation of performance as a cultural phenomenon, with an emphasis on meaning, power, and resistance in cultural events, social practices, and media spectacles.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade.

**COMM 568. Adapting and Directing for the Stage. 3 Credits.**

This course introduces students to practices in adapting and directing literary texts for live ensemble performance. Students will create original performance work, engage in collaborative critique, and discuss the development of aesthetic value.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade.

**COMM 571. Rhetorical Theory and Practice. 3 Credits.**

Investigates the theoretical definitions and uses of rhetorical interpretation and action in spoken, written, visual, material practices, discourses, and events.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade.

**COMM 572. Public Policy Argument. 3 Credits.**

Analyzes argument in a variety of contexts with an emphasis on public policy and exploring tensions involved in addressing both expert and public audience in the political sphere.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade.

**COMM 572H. Public Policy Argument. 3 Credits.**

Analyzes argument in a variety of contexts with an emphasis on public policy and exploring tensions involved in addressing both expert and public audience in the political sphere.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade.

**COMM 573. The American Experience in Rhetoric. 3 Credits.**

Examines public discourse from the colonial period to the present. Discourses, critical perspectives, and historical periods studied will vary.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade.

**COMM 574. War and Culture. 3 Credits.**

Examines American cultural myths about war generally and specifically about the causes of war, enemies, weapons, and warriors, and the way these myths constrain foreign and defense policy, military strategy, and procurement.

**Grading status:** Letter grade

**Same as:** PWAD 574.

**COMM 575. Presidential Rhetoric. 3 Credits.**

The power of the presidency depends in part upon the president's ability to rally public opinion, which depends upon the president's ability to use the "bully pulpit." This course examines the hurdles presidents face and the steps presidents take to shape opinion.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade

**Same as:** PWAD 575.

**COMM 576. Making and Manipulating "Race" in the United States. 3 Credits.**

This course will examine how tropes of "race" are symbolically invented and experienced psychologically and emotionally. This course assesses how "race" reflects and shapes cultural politics.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**COMM 577. Rhetoric and Black Culture. 3 Credits.**

This course will explore the complex ways in which Black aesthetic forms and creative expression function as public discourse.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**COMM 596. Advanced Independent Study/Directed Reading. 1-3 Credits.**

Permission of the department. Majors only. 3.0 cumulative grade point average and 3.5 communication studies grade point average required. For the communication studies major who wishes to pursue an advanced independent research project under the supervision of a selected instructor. Intensive individual research on a problem designed by instructor and student in conference.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 610. Reading Quantitative Research in Communication Studies. 3 Credits.**

Permission of the instructor for nonmajors. Review of the basics of quantitative research (e.g., scientific method, modes of data collection, instrument development, data analysis techniques) with the goal of gaining skill in reading published articles in communication studies journals.

**Grading status:** Letter grade.

**COMM 620. Theories of Interpersonal Communication. 3 Credits.**

Permission of the instructor for nonmajors. Course focuses on how communication is used to build and sustain interpersonal relationships. Forms and functions of communication are examined as a means of testing and defining relationships.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade.

**COMM 624. Hate Speech. 3 Credits.**

The primary focus of hate speech is on the ways that interactants manipulate hatred to accomplish a variety of social and personal goals. The pursuit of this focus will allow the student to appreciate the operation of hatred in a variety of contexts. Often taught as a service-learning course.

**Grading status:** Letter grade.

**COMM 625. Communication and Nonprofits in the Global Context. 3 Credits.**

Introduces students to the opportunities, challenges, and rewards of participation within the nonprofit/NGO sector. The course also equips students with the skills needed to design and conduct engaged scholarship.

**Gen Ed:** EE- Service Learning, EE- Mentored Research, GL.

**Grading status:** Letter grade.

**COMM 635. Documentary Production. 3 Credits.**

A workshop in the production of video and/or film nonfiction or documentary projects. The course will focus on narrative, representational, and aesthetic strategies of documentary production.

**Requisites:** Prerequisite, COMM 230.

**Grading status:** Letter grade.

**COMM 636. Interactive Media. 3 Credits.**

Explores interactive media through creative projects that include sound, video, and graphic elements. Technical information will serve the broader goal of understanding the aesthetics and critical issues of interactive media.

**Grading status:** Letter grade.

**COMM 637. Social Practice and Performance Art. 3 Credits.**

Students will explore "socially engaged art" practices that challenge the distinction between art and life, are fundamentally collaborative, value process over end product, and utilize action, dialogue, and participation as strategies as an intervention in public discourse.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** ARTS 637.

**COMM 638. Game Design. 3 Credits.**

Permission of the instructor for nonmajors. Studio course that explores gaming critically and aesthetically. Practice in game design and production including 3-D worlds and scripting.

**Requisites:** Prerequisite, COMM 150.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 642. Special Topics in Cultural Studies. 3 Credits.**

Permission of the instructor for nonmajors. This course will explore various specific topics, theories, and methodologies in cultural studies.

**Requisites:** Prerequisite, COMM 350.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 644. Documentary Production: First Person Filmmaking. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. Students create documentaries emphasizing the filmmaker's personal perspective and experience: essay, diary, and autobiographical films, and pieces in which the filmmaker performs a role for expressive or political ends. Significant class time is devoted to work-shopping student films.

**Requisites:** Prerequisite, COMM 230.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade.

**COMM 645. The Documentary Idea. 3 Credits.**

Permission of the instructor for nonmajors. Historical and theoretical examination of expressions of the documentary idea in different eras and various modes including film, television, and radio.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 646. Introduction to the Art and Mechanics of Two-Dimensional Digital Animation. 3 Credits.**

Grade of C or better required in prerequisite. Students use Adobe After-Effects and Adobe Photoshop as their primary image software to create several original animations. Assignments are given weekly, and a substantial final project is expected.

**Requisites:** Prerequisite, COMM 130 or 150.

**Grading status:** Letter grade.

**COMM 647. Advanced Projects in Media Production. 3 Credits.**

Recommended preparation, several production courses above COMM 230. Course provides a structured environment, instructor and peer feedback, along with production and postproduction resources for completing advanced near-to-graduation media projects. Projects can be narrative, documentary, experimental, or interactive.

**Requisites:** Prerequisites, COMM 230 and one of COMM 534, 635, 646, 653, or 654.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 650. Cultural Politics of Global Media Culture. 3 Credits.**

Primary subjects will be popular culture and media technology, and guiding questions will be organized around the relationships of each to commerce and/as social change.

**Requisites:** Prerequisite, COMM 140; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

**COMM 652. Media and Difference. 3 Credits.**

Permission of the instructor for nonmajors. This course examines critical and theoretical issues concerning the representation and study of various modes of difference, such as sexuality, race, and gender, in specific media texts.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 653. Experimental Video. 3 Credits.**

This course allows students to create video productions that play with forms that lie outside of mainstream media.

**Requisites:** Prerequisite, COMM 230; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**COMM 654. Motion Graphics, Special Effects, and Compositing. 3 Credits.**

In this course students learn a wide range of video post production techniques working mostly with the application After Effects.

**Requisites:** Prerequisite, COMM 130 or 150; Grade of C or better in COMM 130; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 655. Television Culture. 3 Credits.**

This course introduces students to critical television studies. The course emphasizes not television or culture as separate entities but instead "Television Culture." The focus of the class is on the interrelationship between television and contemporary culture.

**Requisites:** Prerequisite, COMM 140.

**Grading status:** Letter grade.

**COMM 660. Advanced Projects in Performance Studies. 3 Credits.**

Course provides a workshop setting for the process of creation, dramaturgy, development, analysis, and critique of graduates' and undergraduates' original performance work, focusing on the needs of each project in progress.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade.

**COMM 661. Race and Ethnicity. 3 Credits.**

Examines race and ethnicity in specific geopolitical contexts as discursive formations, performative identities, and lived realities. Studies disciplinary/political boundaries that are produced and maintained through acts of performance.

**Requisites:** Prerequisite, COMM 160.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**COMM 662. Black/African Diaspora Performance. 3 Credits.**

Recommended preparation, COMM 160. Relying on critical race theories, colonial and postcolonial theories, and theories of performance, this course engages comparative discourses of Black/African diaspora citizenship through the literature, poetry, fiction, nonfiction, drama, and cultural performances of people of African descent, particularly in Africa, Europe, and the Americas.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**COMM 664. Paranoia in Performance. 3 Credits.**

The study of "paranoia" as a form of discourse and practice of resistance through the study of fiction, critical texts, film, and contemporary United States history. Course focuses on the creation of original, collectively-devised performance work as a means of engaging with course materials.

**Requisites:** Prerequisite, COMM 160 or 464.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**COMM 665. Performing Consumer Culture. 3 Credits.**

Course addresses the operation of corporate power and consumer practices as political and cultural performances, and performance as a means of pursuing social and economic justice.

**Requisites:** Prerequisite, COMM 160.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade.

**COMM 666. Media in Performance. 3 Credits.**

Required preparation, one performance studies course above COMM 400. Permission of the instructor for students lacking the required preparation. Project-based class where students acquire skills and critical approaches to create collaborative, professional, multimedia works.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** DRAM 666.

**COMM 667. Performance Activism. 3 Credits.**

History and practice of performance in contemporary social movements. Practical exploration of direct action, guerilla theatre, and performance interventions.

**Requisites:** Prerequisite, COMM 160 or 260.

**Grading status:** Letter grade.

**COMM 668. The Ethnographic Return to Performance and Community. 3 Credits.**

This course will explore the multiple ways in which performance practiced across a broad range of social, cultural, and artistic arenas can support local community life.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMM 668H. The Ethnographic Return to Performance and Community. 3 Credits.**

This course will explore the multiple ways in which performance practiced across a broad range of social, cultural, and artistic arenas can support local community life.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMM 676. Digital Media and Live Performance. 3 Credits.**

Permission of the instructor for undergraduates. Intended for students from various majors, this course provides a foundation in the history, theory, and practice of developing live, technologically-intensive, multimedia performance works. The course analyzes new media masterworks, addresses techniques of interdisciplinary collaboration, and offers workshops in specific software/technology applications.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** MUSC 676.

**COMM 681. Contemporary Film Theory. 3 Credits.**

Overview of poststructuralist, or "contemporary" film theory. Traces its development, its techniques, fierce critiques lobbed at it since the early 1980s, and its points of continuing importance.

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 682. History of the Moving Image: Pasts, Presents, Futures. 3 Credits.**

Theories of moving images and imaging technologies—from the primitive to the not-yet-existing—that focus on their multifaceted relations with various registers of time, memory, flux, and futurity.

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 683. Moving-Image Avant-Gardes and Experimentalism. 3 Credits.**

History and theory of international avant-garde and experimentalist movements in film, video, intermedia, multimedia, and digital formats. Content and focus may vary from semester to semester.

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMM 690. Advanced Topics in Communication Studies. 3 Credits.**

Permission of the instructor for nonmajors. A special topics course on a selected aspect of communication studies. May be repeated.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMM 690H. Advanced Topics in Communication Studies. 3 Credits.**

Permission of the instructor for nonmajors. A special topics course on a selected aspect of communication studies. May be repeated.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.



**COMM 691H. Honors in Cultural Studies. 3 Credits.**

Permission of the instructor. Required of all senior honors candidates in cultural studies. First semester of senior honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**COMM 692H. Honors in Cultural Studies. 3 Credits.**

Permission of the instructor. Required of all senior honors candidates in cultural studies. Second semester of senior honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**COMM 693H. Honors. 3 Credits.**

Permission of the department. Majors only. Cumulative grade point average must meet University standard. Individual projects designed by students and supervised by a faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**COMM 694H. Honors. 3 Credits.**

Permission of the department. Majors only. Cumulative grade point average must meet University standard. Individual projects designed by students and supervised by a faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**COMM 695. Field Methods. 3 Credits.**

Recommended preparation, COMM 562 or 841. A bridge course designed to offer graduate students and advanced undergraduates a practicum in fieldwork methods and performance ethnography.

**Grading status:** Letter grade.

## Communication Studies Major, B.A.

### Contact Information

**Department of Communication**

Visit Program Website (<http://comm.unc.edu>)

115 Bingham Hall, CB# 3285

(919) 962-2311

**Patricia Parker, Chair****Sarah Dempsey, Director of Undergraduate Studies**

[sedempse@email.unc.edu](mailto:sedempse@email.unc.edu)

The study of communication is essential for participating in an increasingly complex and mediated global environment. The Department of Communication's mission is to advance communication for the public good. Through its teaching, research, and service, the department addresses the many ways communication functions to create, sustain, and transform personal life, social relations, political institutions, economic organizations, and cultural and aesthetic conventions in society; promotes competencies required for various modes of mediated and non-mediated communication; and develops skills for analyzing, interpreting, and critiquing communication problems and questions. The curriculum is designed to enable students to develop the capacities to be knowledgeable and responsible producers and consumers of communication through engagement, critique, and creativity. The programs of study offered by the department support a vision of citizen-scholars building a better North Carolina and world.

## Department Programs

**Majors**

- Communication Studies Major, B.A. (p. 370)
- Interdisciplinary Studies Major, B.A.—Cultural Studies (p. 374)

**Minor**

- Writing for the Screen and Stage Minor (p. 375)

**Graduate Programs**

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication>)

## Student Learning Outcomes

- An understanding of the major theories that define the field of communication and the relevance of these theories to sub-areas of the field. To demonstrate accomplishment of this objective, students should be able to
  - identify and apply major theories of communication
  - discuss the implications of selected communication theories for practice
  - describe the relevance of appropriate communication theories to the students' chosen areas of focus and show how theories can be applied productively to those areas
- An understanding of appropriate research methods in the field of communication and the relevance of these methods to their sub-areas of the field. Specifically, students should demonstrate that they can
  - describe the fundamental procedures of research methods in communication
  - critically assess research procedures used in communication research
  - make a research argument
  - utilize research skills, including finding library and electronic sources, citing and documenting research materials, synthesizing and drawing conclusions from research, and organizing and presenting original research
  - describe how communication research methods may be used to answer research questions in the students' chosen areas of specialization.
- A critical approach to the consumption and creation of communication in a communication rich and democratic environment. Specifically, students should demonstrate that they can
  - analyze and evaluate the use and meaning of visual, audio, and other sensory information and the way it conveys information to a viewer, reader, listener
  - exhibit competence in oral, verbal, and written communication skills
  - critique and engage in performative and mediated forms of communication in "real world" contexts
  - demonstrate knowledge of how communication practices may be used to transform and redefine specific communication situations (e.g., the use of communication strategies to resolve conflict in interpersonal, group, and organizational contexts).

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC—Chapel Hill courses



- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Three courses from the following with a grade of C or better in each:		9
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
COMM 140	Introduction to Media History, Theory, and Criticism <sup>H</sup>	
COMM 160	Introduction to Performance Studies <sup>H</sup>	
COMM 170	Rhetoric and Public Issues	
Four COMM courses in a concentration (see descriptions below)		12
Three COMM electives		9
A minimum of 10 COMM courses, except for those students pursuing the new media option in the media and technology studies and production concentration described below		
Three COMM courses must be numbered 400 or higher.		
<b>Total Hours</b>		<b>30</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

A maximum of 15 COMM courses (45 hours) may be applied toward the B.A. degree.

Students are invited to work closely with faculty members in courses and through independent study, cocurricular programs, and research projects. Many courses are also open to nonmajors whose personal and professional goals require an understanding of human communication (consult course descriptions for restrictions).

Communication Studies (COMM) course descriptions (p. 360).

Students should select one of the following concentrations and take a minimum of four courses within that concentration. Core courses do not count as one of the four required courses within the selected concentration. Additional courses that are not listed under any concentration may be used to meet major requirements.

## Interpersonal and Organizational Communication

COMM 120/MNGT 120 is a prerequisite for most of the interpersonal and organizational communication courses; consult course descriptions.

Code	Title	Hours
COMM 312	Persuasion	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 411	Critical Perspectives	3
COMM 422	Family Communication <sup>H</sup>	3
COMM 423	Critical Perspectives on Work, Labor, and Professional Life	3
COMM 490	Special Topics in Communication Studies (based on topic)	3

COMM 521	Communication and Social Memory	3
COMM 523	Communication and Leadership	3
COMM 525	Organizational Communication	3
COMM 526	Critical-Cultural Approaches to Organizational Communication	3
COMM 527	Organizational Ethics	3
COMM 610	Reading Quantitative Research in Communication Studies	3
COMM 620	Theories of Interpersonal Communication	3
COMM 624	Hate Speech	3
COMM 625	Communication and Nonprofits in the Global Context	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM/MNGT 223	Small Group Communication	3
COMM/MNGT 325	Introduction to Organizational Communication <sup>H</sup>	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM/WGST 524	Gender, Communication, and Culture <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Media and Technology Studies and Production

COMM 140 is a prerequisite for most of the media studies courses; consult course descriptions.

Code	Title	Hours
COMM 130	Introduction to Media Production	3
COMM 142	Popular Music	3
COMM 150	Introduction to New Media	3
COMM 230	Audio/Video/Film Production and Writing	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3
COMM 251	Introduction to American Film and Culture, 1965–Present	3
COMM 330	Introduction to Writing for Film and Television	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 411	Critical Perspectives	3
COMM 412	Critical Theory	3
COMM 413	Freud	3
COMM 431	Advanced Audio Production	3
COMM 432	Visual Culture	3
COMM 450	Media and Popular Culture	3
COMM 452	Film Noir	3
COMM 453	The History of New Media Technology in Everyday Life	3
COMM 454	Media and Activism	3
COMM 490	Special Topics in Communication Studies (based on topic)	3

COMM 534	Aesthetic and Technical Considerations in Making Short Videos	3
COMM 545	Pornography and Culture	3
COMM 546	History of Film I, 1895 to 1945	3
COMM 547	History of Film II, 1945 to Present	3
COMM 548	Humor and Culture	3
COMM 549	Sexuality and Visual Culture	3
COMM 550	American Independent Cinema	3
COMM 551	Hitchcock and the Sign	3
COMM 635	Documentary Production	3
COMM 636	Interactive Media	3
COMM 638	Game Design	3
COMM 645	The Documentary Idea	3
COMM 646	Introduction to the Art and Mechanics of Two-Dimensional Digital Animation	3
COMM 647	Advanced Projects in Media Production	3
COMM 650	Cultural Politics of Global Media Culture	3
COMM 652	Media and Difference	3
COMM 653	Experimental Video	3
COMM 654	Motion Graphics, Special Effects, and Compositing	3
COMM 655	Television Culture	3
COMM 681	Contemporary Film Theory	3
COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 683	Moving-Image Avant-Gardes and Experimentalism	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM/WGST 345	Women in Film	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Please note that enrollment in advanced media and technology production classes is limited, and many production classes have prerequisites.

### New Media

**Students wishing to pursue the new media option in the media and technology studies and production concentration should consult the departmental advisor.**

In addition to the preliminary core requirements (including COMM 140) above, students must take:

- COMM 150
- COMP 110
- two approved courses from the Department of Computer Science (COMP) (p. 378) or the School of Information and Library Science (INLS) (p. 972) (see recommendations below)
- three COMM classes above 400 selected from the following list:

Code	Title	Hours
COMM 431	Advanced Audio Production	3
COMM 490	Special Topics in Communication Studies (based on topic, prior approval required)	3
COMM 636	Interactive Media	3

COMM 638	Game Design	3
COMM 646	Introduction to the Art and Mechanics of Two-Dimensional Digital Animation	3
COMM 650	Cultural Politics of Global Media Culture	3
COMM 654	Motion Graphics, Special Effects, and Compositing	3
COMM 690	Advanced Topics in Communication Studies (based on topic, prior approval required) <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Recommended cross-disciplinary classes include:

Code	Title	Hours
COMP 180	Enabling Technologies <sup>H</sup>	3
COMP 185	Serious Games <sup>H</sup>	3
INLS 151	Retrieving and Analyzing Information	3
INLS 161	Tools for Information Literacy	3
INLS 201	Foundations of Information Science	3
INLS 318	Human Computer Interaction	3
INLS 560	Programming for Information Science	3
INLS 572	Web Development I	1.5

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Performance Studies

COMM 160 is a prerequisite for most of the performance studies courses; consult course descriptions.

Code	Title	Hours
COMM 260	Introduction to Performance and Social Change	3
COMM 262	Introduction to the Performance of Culture <sup>H</sup>	3
COMM 263	Performing Literature <sup>H</sup>	3
COMM 364	Production Practices	3
COMM 365	The Constructed Actor: Masks and Objects in Performance	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 411	Critical Perspectives	3
COMM 435	Memory Acts <sup>H</sup>	3
COMM 437	United States Black Culture and Performance	3
COMM 463	Creating the Solo Performance	3
COMM 464	Collaborative Performance <sup>H</sup>	3
COMM 466	Advanced Study in Performing Literature	3
COMM 490	Special Topics in Communication Studies (based on topic)	3
COMM 532	Performing the Screenplay	3
COMM 563	Performance of Children's Literature	3
COMM 564	Performance and Popular Culture	3
COMM 568	Adapting and Directing for the Stage	3
COMM 636	Interactive Media	3
COMM 660	Advanced Projects in Performance Studies	3
COMM 661	Race and Ethnicity	3

COMM 662	Black/African Diaspora Performance	3
COMM 664	Paranoia in Performance	3
COMM 665	Performing Consumer Culture	3
COMM 667	Performance Activism	3
COMM 668	The Ethnographic Return to Performance and Community <sup>H</sup>	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM 695	Field Methods	3
COMM/ASIA/ RELI 386	Dance and Embodied Knowledge in the Indian Context	3
COMM/DRAM 666	Media in Performance	3
COMM 362/ FOLK 565	Ritual, Theatre, and Performance Art	3
COMM/FOLK/ HIST/WGST 562	Oral History and Performance <sup>H</sup>	3
COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Rhetorical Studies

COMM 170 is a prerequisite for most of the rhetorical studies courses; consult course descriptions.

Code	Title	Hours
COMM 171	Argumentation and Debate	3
COMM 312	Persuasion	3
COMM 371	Argumentation	3
COMM 372	The Rhetoric of Social Movements	3
COMM 374	The Southern Experience in Rhetoric	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 470	Political Communication and the Public Sphere	3
COMM 471	Rhetorics of Public Memory	3
COMM 472	Rhetorical Criticism	3
COMM 490	Special Topics in Communication Studies (based on topic)	3
COMM 500	Visual and Material Rhetoric	3
COMM 571	Rhetorical Theory and Practice	3
COMM 572	Public Policy Argument <sup>H</sup>	3
COMM 573	The American Experience in Rhetoric	3
COMM 575	Presidential Rhetoric	3
COMM 576	Making and Manipulating "Race" in the United States	3
COMM 577	Rhetoric and Black Culture	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM/ENEC 375	Environmental Advocacy	3
COMM/PWAD 355	Terrorism and Political Violence	3
COMM/PWAD 376	The Rhetoric of War and Peace	3

COMM/PWAD 574	War and Culture	3
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Specialized Concentration in Communication Studies

Students may create their own concentrations by selecting at least four courses that constitute a coherent program of study. The courses selected in this concentration must be justified by the student and must be approved by the director of undergraduate studies.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Rhetorical Studies Concentration

Course	Title	Hours
<b>First Year</b>		
COMM 120	Introduction to Interpersonal and Organizational Communication (core course #1) <sup>H</sup>	3
COMM 170	Rhetoric and Public Issues (core course #2)	3
Hours		6
<b>Sophomore Year</b>		
COMM 160	Introduction to Performance Studies (core course #3) <sup>H</sup>	3
COMM 171	Argumentation and Debate (concentration course #1)	3
COMM 312	Persuasion (concentration course #2)	3
Hours		9
<b>Junior Year</b>		
COMM 470	Political Communication and the Public Sphere (concentration course #3) <sup>1</sup>	3
COMM 573	The American Experience in Rhetoric (concentration course #4) <sup>1</sup>	3
COMM 435	Memory Acts (elective course #1) <sup>1, H</sup>	3
Hours		9
<b>Senior Year</b>		
COMM 454	Media and Activism (elective course #2) <sup>1</sup>	3
COMM 624	Hate Speech (elective course #3) <sup>1</sup>	3
Hours		6
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Three COMM courses must be numbered 400 or higher.

## Special Opportunities in Communication Honors in Communication Studies

The department participates in the University's Honors Program. Students eligible for the program (see University requirements (p. 102)) may consult with the departmental honors advisor about enrolling in COMM 693H and COMM 694H, or COMM 691H and COMM 692H for honors students in cultural studies. These courses can be used for elective credit in the major but not for satisfying core course or concentration requirements. Additional information can be found on the department Web site (<http://comm.unc.edu/undergraduate-studies/honors-thesis>).

## Independent Study

The opportunity for independent study is available through enrollment in COMM 396 or COMM 596. Interested students should consult a faculty advisor in the department. Please see the department Web site (<http://comm.unc.edu/undergraduate-studies/independent-study>) for details.

## Internships

The department has an extensive internship program (<http://comm.unc.edu/undergraduate-studies/internships>) in media-related industries, business, public service, and other organizations. Internships allow students to explore the relationship between communication theory and its practice in everyday life. Credit can be obtained through consultation with the internship advisor and enrollment in COMM 393. More than 100 organizations have participated in the program. The department also offers the Hollywood Internship Program, a summer study and work opportunity for selected students interested in pursuing careers in the film industry. Note: Internship credit counts as elective hours and does not count toward the 30 credit hours required for the major.

## WUNC Radio and WUNC-TV

Limited opportunities exist for internships and employment with the public radio and television stations in Chapel Hill and in the Research Triangle Park.

## Performance Opportunities

Students are involved in adapting scripts, directing, and staging productions for the public. Additionally, students often appear in regular performances sponsored by graduate students in the Department of Communication and in productions directed by faculty members.

## Student Television (STV)

STV is a student-run video production operation that provides hands-on opportunities in a variety of programming assignments.

## Study Abroad

Students may take coursework toward the major through the University's study abroad program. Departmental approval for major credit is required. The department also offers a London-based summer internship in media production and performance studies for qualified students.

## Undergraduate Awards

The department offers a number of awards for leadership and contributions to the field, in all areas of specialization. Awards are presented at a department ceremony in the spring semester.

## Interdisciplinary Studies Major, B.A.—Cultural Studies

### Contact Information

#### Department of Communication

Visit Program Website (<http://comm.unc.edu>)  
115 Bingham Hall, CB# 3285  
(919) 962-2311

#### Larry Grossberg, Professor

[docrock@email.unc.edu](mailto:docrock@email.unc.edu)

#### Christian Lundberg, Associate Professor

[clundber@email.unc.edu](mailto:clundber@email.unc.edu)

#### Patricia Parker, Chair

#### Sarah Dempsey, Director of Undergraduate Studies

[sedempse@email.unc.edu](mailto:sedempse@email.unc.edu)

The cultural studies program is designed to give students the opportunity to create a rigorous, interdisciplinary/multidisciplinary program organized around a particular theme, question, problem, or interest (e.g., third world/ethnic studies, technology, science studies, theory, neoliberalism, labor, disability, popular culture, etc.), or to establish links across a range of classes that define a specific intellectual focus. Cultural studies offers a home to students united by questions of the complex, dynamic workings of culture in contexts of power.

The major is designed for undergraduate students who wish to combine the strengths of various departments and curricula in the College of Arts and Sciences. Students in the cultural studies program tend to be strongly motivated, self-disciplined, intellectually curious, and able to assume greater responsibility for their education. The program is distinguished by intensive advising, collaboration across disciplinary perspectives, and opportunities to extend learning beyond the space of the classroom. Students interested in cultural studies should meet with one of the directors of the program to explore their interests and choose an advisor.

For additional information, contact Larry Grossberg ([docrock@email.unc.edu](mailto:docrock@email.unc.edu)), or Christian Lundberg ([clundber@email.unc.edu](mailto:clundber@email.unc.edu)), Cultural Studies Program, Department of Communication, Bingham Hall.

## Department Programs

### Majors

- Communication Studies Major, B.A. (p. 370)
- Interdisciplinary Studies Major, B.A.—Cultural Studies (p. 374)

### Minor

- Writing for the Screen and Stage Minor (p. 375)

### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication>)

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
COMM 350	Practices of Cultural Studies	3
Seven additional courses approved by a faculty advisor (appointed by the director in consultation with the student)		21
Total Hours		24

Students are strongly encouraged to take at least one course on matters of social/cultural difference/diversity such as ANTH 380, COMM 318, or RELI 323. Students are also strongly encouraged to take at least one course on contemporary theory such as COMM 412.

Students are required to take classes in at least three departments. No more than four courses (12 hours) in the same department may count toward the major. A student should strengthen his or her course of study by choosing Approaches, Connections, and elective courses that complement courses in cultural studies.

Students with an overall grade point average of 3.3 or above and a grade point average of 3.3 or above in cultural studies courses are encouraged to undertake an honors thesis project during the senior year for a total of six credit hours (COMM 691H and COMM 692H). These hours will be in addition to the 24 hours (eight courses) minimally required for the major.

## Special Opportunities in Communication Honors in Communication Studies

The department participates in the University’s Honors Program. Students eligible for the program (see University requirements (p. 102)) may consult with the departmental honors advisor about enrolling in COMM 693H and COMM 694H, or COMM 691H and COMM 692H for honors students in cultural studies. These courses can be used for elective credit in the major but not for satisfying core course or concentration requirements. Additional information can be found on the department Web site (<http://comm.unc.edu/undergraduate-studies/honors-thesis>).

### Independent Study

The opportunity for independent study is available through enrollment in COMM 396 or COMM 596. Interested students should consult a faculty advisor in the department. Please see the department Web site (<http://comm.unc.edu/undergraduate-studies/independent-study>) for details.

### Internships

The department has an extensive internship program (<http://comm.unc.edu/undergraduate-studies/internships>) in media-related industries, business, public service, and other organizations. Internships

allow students to explore the relationship between communication theory and its practice in everyday life. Credit can be obtained through consultation with the internship advisor and enrollment in COMM 393. More than 100 organizations have participated in the program. The department also offers the Hollywood Internship Program, a summer study and work opportunity for selected students interested in pursuing careers in the film industry. Note: Internship credit counts as elective hours and does not count toward the 30 credit hours required for the major.

### WUNC Radio and WUNC-TV

Limited opportunities exist for internships and employment with the public radio and television stations in Chapel Hill and in the Research Triangle Park.

### Performance Opportunities

Students are involved in adapting scripts, directing, and staging productions for the public. Additionally, students often appear in regular performances sponsored by graduate students in the Department of Communication and in productions directed by faculty members.

### Student Television (STV)

STV is a student-run video production operation that provides hands-on opportunities in a variety of programming assignments.

### Study Abroad

Students may take coursework toward the major through the University’s study abroad program. Departmental approval for major credit is required. The department also offers a London-based summer internship in media production and performance studies for qualified students.

### Undergraduate Awards

The department offers a number of awards for leadership and contributions to the field, in all areas of specialization. Awards are presented at a department ceremony in the spring semester.

## Writing for the Screen and Stage Minor

### Contact Information

**Department of Communication**  
 Visit Program Website (<http://comm.unc.edu>)  
 115 Bingham Hall, CB# 3285  
 (919) 962-2311

**Dana Coen, Director**  
[rcoen@unc.edu](mailto:rcoen@unc.edu)

**Patricia Parker, Chair**

**Sarah Dempsey, Director of Undergraduate Studies**  
[sedempse@email.unc.edu](mailto:sedempse@email.unc.edu)

Writing for the screen and stage is an interdisciplinary program drawing upon the faculties and resources of the Department of Communication, the Department of Dramatic Art, and the Creative Writing Program of the Department of English and Comparative Literature. The minor provides students from all disciplines the opportunity to focus on the craft of dramatic writing and is designed for those considering writing careers in theater, film, television, or the Web.



## Department Programs

### Majors

- Communication Studies Major, B.A. (p. 370)
- Interdisciplinary Studies Major, B.A.—Cultural Studies (p. 374)

### Minor

- Writing for the Screen and Stage Minor (p. 375)

### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Candidates must be first-year or sophomore students with a 2.4 grade point average or better to begin the minor and must have taken one of the following prerequisite courses.

Code	Title	Hours
<b>Prerequisite (select one):</b>		
COMM 330	Introduction to Writing for Film and Television <sup>1</sup>	3
DRAM 231	Playwriting I <sup>2</sup>	3
ENGL 130	Introduction to Fiction Writing <sup>3</sup>	3
ENGL 132H	First-Year Honors: Introduction to Fiction Writing <sup>4</sup>	3

<sup>1</sup> Preference given to communication studies majors.

<sup>2</sup> Requires permission from the department.

<sup>3</sup> Open to all students.

<sup>4</sup> Restricted to honor students.

The prerequisite may be waived with the approval of the director of the minor.

An application is required for acceptance; please visit the Writing for Screen and Stage Minor's Web site (<http://comm.unc.edu/undergraduate-studies/writing-for-the-screen-and-stage-minor>) to review this process. Continued participation in the minor is based on the student's work and the recommendation of the program's instructors.

Code	Title	Hours
<b>Core Requirements <sup>1</sup></b>		
COMM/DRAM 131	Writing for the Screen and Stage <sup>2</sup>	3
COMM 430	History of American Screenwriting	3
COMM 433	Intermediate Screenwriting <sup>2</sup>	3
COMM 537	Master Screenwriting <sup>2</sup>	3
DRAM 120	Play Analysis <sup>H</sup>	3
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students must achieve a C grade or better in core requirements.

<sup>2</sup> COMM 131/DRAM 131, COMM 433, and COMM 537 must be taken in consecutive semesters beginning with the first semester of the minor.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following sequence of courses is recommended:

Code	Title	Hours
<b>Junior (or Sophomore) Year Fall Semester</b>		
COMM/DRAM 131	Writing for the Screen and Stage	3
DRAM 120	Play Analysis <sup>H</sup>	3
<b>Junior (or Sophomore) Year Spring Semester</b>		
COMM 430	History of American Screenwriting	3
COMM 433	Intermediate Screenwriting	3
<b>Senior (or Junior) Year Fall Semester</b>		
COMM 537	Master Screenwriting	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

The following courses are recommended but are not required to complete the minor:

Code	Title	Hours
COMM 334	Writing the One-Hour TV Drama	3
COMM 335	Film Story Analysis	3
COMM 535	Introduction to Screen Adaptation	3
DRAM 135	Acting for Nonmajors	3
COMM 390	Special Topics in Communication Study (Writing the Full-Length Play)	3
COMM 390	Special Topics in Communication Study (Visual Storytelling)	3

See the program pages in Communication (p. 373), Dramatic Art (p. 397), and English and Comparative Literature (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

# DEPARTMENT OF COMPUTER SCIENCE

## Contact Information

### Department of Computer Science

Visit Program Website (<http://www.cs.unc.edu>)

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**Kevin Jeffay, Chair**

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## Introduction

The Department of Computer Science offers instruction and performs research in the essential areas of computer science. Majors receive rigorous training in the foundations of computer science and the relevant mathematics, then have ample opportunity to specialize in advanced courses.

Majors can receive credit for practical training as a computing professional through an internship with a company or organization in the computing or information technology fields. Internships typically are paid positions and involve the student working off campus. All internships for credit must be approved in advance by the director of undergraduate studies. Students interested in pursuing such an internship should contact the director of undergraduate studies prior to the start of the internship.

Majors who excel in the program also have the opportunity to perform undergraduate research in computer science. Research projects may be pursued in conjunction with an existing graduate research group in the department and/or may be used as a vehicle for graduating with honors as described below.

Students with no prior programming experience should consider taking one of the introductory courses, COMP 110 or COMP 116. COMP 101 is intended for students who wish to develop a better understanding of computers in a context that does not involve programming. Students with prior programming experience should begin their studies with COMP 401. COMP 380 and COMP 388 are philosophical and moral reasoning Approaches courses that have no programming prerequisite.

## Advising

In addition to general advising through the Academic Advising Program, students can consult designated faculty members within the Department of Computer Science who act as departmental advisors for requirements specific to the major or minor. Beyond course selection, advisors are also available for discussing internships, study abroad in computer science, honors projects, and undergraduate research opportunities. See the department Web site (<http://www.cs.unc.edu>) (see Undergraduate Advising in Undergraduate Programs) for a list of current department advisors and walk-in advising times.

## Majors

- Computer Science Major, B.A. (p. 383)
- Computer Science Major, B.S. (p. 386)

## Minor

- Computer Science Minor (p. 389)

## Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)

## Professors

Stan Ahalt, James Anderson, Gary Bishop, Prasun Dewan, Henry Fuchs, Kevin Jeffay, Fabian Monrose, Stephen M. Pizer, David A. Plaisted, Jan F. Prins, Michael K. Reiter, Jack S. Snoeyink, David Stotts.

## Associate Professors

Ron Alterovitz, Alex Berg, Tamara Berg, Jan-Michael Frahm, Jasleen Kaur, Ketan Mayer-Patel, Leonard McMillan, Marc Niethammer, Montek Singh.

## Assistant Professors

Mohit Bansal, Shahriar Nirjon, Donald Porter, Cynthia Sturton.

## Research Professors

Ashok Krishnamurthy, Ming C. Lin, Dinesh Manocha, Diane Pozefsky, F. Donelson Smith.

## Research Associate Professors

Mary C. Whitton, Martin Styner.

## Research Assistant Professors

Jay Aikat, Enrique Dunn.

## Adjunct Professors

Robert Fowler, Guido Gerig, J. Stephen Marron, John McHugh, Steven E. Molnar, Marc Pollefeys, John Poulton, Julian Rosenman, Russell M. Taylor II, Alexander Tropsha, Wei Wang, Gregory F. Welch, Turner Whitted.

## Adjunct Associate Professors

Stephen Aylward, Chris Healey, Hye-Chung Kum, Lars Nyland, Dinggang Shen.

## Adjunct Assistant Professors

Brad Davis, Mark Foskey, Svetlana Lazebnik, Yun Li, Ipek Oguz, William Valdar.

## Teaching Associate Professor

Tessa Joseph-Nicholas.

## Teaching Assistant Professor

Kris Jordan.

## Professor of the Practice

Michael Fern.

## Professors Emeriti

Frederick P. Brooks Jr., Peter Calingaert, John Halton, Anselmo Lastra, Gyula A. Magó, Timothy L. Quigg, John B. Smith, Donald F. Stanat, Stephen Weiss, William A. Wright.

## COMP—Computer Science

### Undergraduate-level Courses

#### COMP 50. First-Year Seminar: Everyday Computing. 3 Credits.

The goal of this first-year seminar is to understand the use of computing technology in our daily activities. In this course, we will study various examples of how computing solves problems in different aspects in our daily life.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### COMP 50H. First-Year Seminar: Everyday Computing. 3 Credits.

The goal of this first-year seminar is to understand the use of computing technology in our daily activities. In this course, we will study various examples of how computing solves problems in different aspects in our daily life.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### COMP 60. First-Year Seminar: Robotics with LEGO®. 3 Credits.

This seminar explores the process of design and the nature of computers by designing, building, and programming LEGO robots. Competitions to evaluate various robots are generally held at the middle and at the end of the semester. Previous programming experience is not required.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### COMP 60H. First-Year Seminar: Robotics with LEGO®. 3 Credits.

This seminar explores the process of design and the nature of computers by designing, building, and programming LEGO robots. Competitions to evaluate various robots are generally held at the middle and at the end of the semester. Previous programming experience is not required.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### COMP 65. First-Year Seminar: Folding, from Paper to Proteins. 3 Credits.

Explore the art of origami, the science of protein, and the mathematics of robotics through lectures, discussions, and projects involving artistic folding, mathematical puzzles, scientific exploration, and research.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### COMP 80. First-Year Seminar: Enabling Technology--Computers Helping People. 3 Credits.

Service-learning course exploring issues around computers and people with disabilities. Students work with users and experts to develop ideas and content for new technologies. No previous computer experience required.

**Gen Ed:** EE- Service Learning, US.

**Grading status:** Letter grade.

#### COMP 80H. First-Year Seminar: Enabling Technology--Computers Helping People. 3 Credits.

Service-learning course exploring issues around computers and people with disabilities. Students work with users and experts to develop ideas and content for new technologies. No previous computer experience required.

**Gen Ed:** EE- Service Learning, US.

**Grading status:** Letter grade.

#### COMP 85. First-Year Seminar: The Business of Games. 3 Credits.

This seminar will study the concepts associated with video gaming by having small teams design a game, build a prototype, and put together a business proposal for the game.

**Grading status:** Letter grade.

#### COMP 85H. First-Year Seminar: The Business of Games. 3 Credits.

This seminar will study the concepts associated with video gaming by having small teams design a game, build a prototype, and put together a business proposal for the game.

**Grading status:** Letter grade.

#### COMP 89. First -Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### COMP 89H. First -Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### COMP 101. Fluency in Information Technology. 3 Credits.

The nature of computers, their capabilities, and limitations. How computers work, popular applications, problem-solving skills, algorithms and programming. Lectures and laboratory assignments.

**Gen Ed:** QR.

**Grading status:** Letter grade.

#### COMP 110. Introduction to Programming. 3 Credits.

An introduction to programming. Fundamental programming skills, typically using Java or JavaScript. Problem analysis and algorithm design. Students may not receive credit for both COMP 110 and COMP 116.

**Requisites:** Prerequisite, MATH 129P, 231, 241, or COMP 101; a grade of C or better is required.

**Gen Ed:** QR.

**Grading status:** Letter grade.

#### COMP 110H. Introduction to Programming. 3 Credits.

An introduction to programming. Fundamental programming skills, typically using Java or JavaScript. Problem analysis and algorithm design. Students may not receive credit for both COMP 110 and COMP 116.

**Requisites:** Prerequisite, MATH 129P, 231, 241, or COMP 101; a grade of C or better is required.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**COMP 116. Introduction to Scientific Programming. 3 Credits.**

An introduction to programming for computationally oriented scientists. Fundamental programming skills, typically using MATLAB or Python. Problem analysis and algorithm design with examples drawn from simple numerical and discrete problems. Students can receive credit for only one of COMP 110 and 116.

**Requisites:** Prerequisite, MATH 231 or 241; a grade of C or better is required.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**COMP 126. Practical Web Design and Development for Everyone. 3 Credits.**

A ground-up introduction to current principles, standards, and best practice in website design, usability, accessibility, development, and management through project-based skills development in HTML5, CSS, and basic JavaScript. Intended for nonmajors.

**Grading status:** Letter grade.

**COMP 180. Enabling Technologies. 3 Credits.**

We will investigate ways computer technology can be used to mitigate the effects of disabilities and the sometimes surprising response of those we intended to help.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**COMP 180H. Enabling Technologies. 3 Credits.**

We will investigate ways computer technology can be used to mitigate the effects of disabilities and the sometimes surprising response of those we intended to help.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**COMP 185. Serious Games. 3 Credits.**

Concepts of computer game development and their application beyond entertainment to fields such as education, health, and business. Course includes team development of a game. Excludes COMP majors.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMP 185H. Serious Games. 3 Credits.**

Concepts of computer game development and their application beyond entertainment to fields such as education, health, and business. Course includes team development of a game. Excludes COMP majors.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMP 190. Topics in Computing. 3 Credits.**

Permission of the instructor. Special topics in computing targeted primarily for students with no computer science background. This course has variable content and may be taken multiple times for credit. As the content will vary with each offering, there are no set

**Requisites:** prerequisites, but permission of the instructor is required.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**COMP 222. ACM Programming Competition Practice. 1 Credit.**

Structured practice to develop and refine programming skills in preparation for the ACM programming competition.

**Grading status:** Letter grade.

**COMP 227. Effective Peer Teaching in Computer Science. 3 Credits.**

Fundamentals of computer science pedagogy and instructional practice with primary focus on training undergraduate learning assistants for computer science courses. Emphasis on awareness of social identity in learning, active learning in the computer science classroom, and effective mentorship. All students must be granted a computer science learning assistantship or obtain prior approval to substitute relevant practicum experience prior to enrollment.

**Requisites:** Prerequisite, COMP 401; a grade of C or better is required.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMP 283. Discrete Structures. 3 Credits.**

Introduces discrete structures (sets, tuples, relations, functions, graphs, trees) and the formal mathematics (logic, proof, induction) used to establish their properties and those of algorithms that work with them. Develops problem-solving skills through puzzles and applications central to computer science.

**Requisites:** Prerequisite, MATH 231 or MATH 241; a grade of C or better is required.

**Grading status:** Letter grade.

**COMP 290. Special Topics in Computer Science. 1 Credit.**

Non-technical topics in computer science for computer science majors. May not be used to satisfy any degree requirements for a computer science major. This course has variable content and may be taken multiple times for credit.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**COMP 293. Internship in Computer Science. 3 Credits.**

Permission of the director of undergraduate studies. Computer science majors only. A signed learning contract is required before a student may register. Work experience in non-elementary computer science. Permission of instructor required.

**Requisites:** Prerequisites, COMP 401, 410, and 411; a grade of C or better is required in COMP 401, 410, and 411.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**COMP 325. How to Build a Software Startup. 3 Credits.**

Explores real-world skills for successfully developing and launching a software startup in an experiential learning environment. Customer outreach and feedback, market analysis, business model development, agile product development, with mentors from the entrepreneurship community.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMP 380. Introduction to Digital Culture. 3 Credits.**

An introduction to digital technology and computer science issues in society. Topics may include Internet history, privacy, security, usability, graphics, games, computers in the media, development, economics, social media, AI, IP, computer and Internet ethics, global ethics, current legal issues, etc.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**COMP 380H. Introduction to Digital Culture. 3 Credits.**

An introduction to digital technology and computer science issues in society. Topics may include Internet history, privacy, security, usability, graphics, games, computers in the media, development, economics, social media, AI, IP, computer and Internet ethics, global ethics, current legal issues, etc.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**COMP 388. Advanced Cyberculture Studies. 3 Credits.**

Explores Internet history and cyberphilosophy; online identify construction, community, communication, creativity; bodies/cyborgs; intelligence and AI. Students perform independent research into and analyze virtual worlds, social media, anonymous bulletin boards, mobile media, and more, and create digital art and literature. Seminar-style; students collaborate on designing and leading class.

**Requisites:** Prerequisite, COMP 380; a grade of C or better is required; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**COMP 390. Computer Science Elective Topics. 3-12 Credits.**

Elective topics in computer science for computer science majors. May not be used to satisfy any degree requirements for a computer science major. This course has variable content and may be taken multiple times for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMP 393. Software Engineering Practicum. 1-3 Credits.**

Students develop a software program for a real client under the supervision of a faculty member. Projects may be proposed by the student but must have real users. Course is intended for students desiring practical experiences in software engineering but lacking the experience required for external opportunities. Majors only.

**Requisites:** Prerequisites, COMP 401, 410, 411; a grade of C or better is required in COMP 401, 410, and 411.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**Advanced Undergraduate and Graduate-level Courses****COMP 401. Foundation of Programming. 4 Credits.**

Required preparation, a first formal course in computer programming (e.g., COMP 110, COMP 116). Advanced programming: object-oriented design, classes, interfaces, packages, inheritance, delegation, observers, MVC (model view controller), exceptions, assertions.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**COMP 401H. Foundation of Programming. 4 Credits.**

Required preparation, a first formal course in computer programming (e.g., COMP 110, COMP 116). Advanced programming: object-oriented design, classes, interfaces, packages, inheritance, delegation, observers, MVC (model view controller), exceptions, assertions.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**COMP 410. Data Structures. 3 Credits.**

The analysis of data structures and their associated algorithms. Abstract data types, lists, stacks, queues, trees, and graphs. Sorting, searching, hashing.

**Requisites:** Prerequisite, COMP 401; a grade of C or better is required.

**Grading status:** Letter grade.

**COMP 411. Computer Organization. 4 Credits.**

Digital logic, circuit components. Data representation, computer architecture and implementation, assembly language programming.

**Requisites:** Prerequisite, COMP 401; a grade of C or better is required.

**Grading status:** Letter grade.

**COMP 426. Modern Web Programming. 3 Credits.**

Developing applications for the World Wide Web including both client-side and server-side programming. Emphasis on Model-View-Controller architecture, AJAX, RESTful Web services, and database interaction.

**Requisites:** Prerequisites, COMP 401 and 410; a grade of C or better is required in COMP 401 and 410.

**Grading status:** Letter grade.

**COMP 431. Internet Services and Protocols. 3 Credits.**

Application-level protocols HTTP, SMTP, FTP, transport protocols TCP and UDP, and the network-level protocol IP. Internet architecture, naming, addressing, routing, and DNS. Sockets programming. Physical-layer technologies. Ethernet, ATM, and wireless.

**Requisites:** Prerequisites, COMP 401, 410, 411; a grade of C or better is required in COMP 401, 410, and 411.

**Grading status:** Letter grade.

**COMP 433. Mobile Computing Systems. 3 Credits.**

Principles of mobile applications, mobile OS, mobile networks, and embedded sensor systems. Coursework includes programming assignments, reading from recent research literature, and a semester long project on a mobile computing platform (e.g., Android, Arduino, iOS, etc.).

**Requisites:** Prerequisites, COMP 401, 410, and 411; a grade of C or better is required in COMP 401, 410, and 411.

**Grading status:** Letter grade.

**COMP 435. Computer Security Concepts. 3 Credits.**

Introduction to topics in computer security including confidentiality, integrity, availability, authentication policies, basic cryptography and cryptographic protocols, ethics, and privacy. A student may not receive credit for this course after receiving credit for COMP 535.

**Requisites:** Prerequisites, COMP 401, 410, and 411; a grade of C or better is required in COMP 401, 410, and 411.

**Grading status:** Letter grade.

**COMP 455. Models of Languages and Computation. 3 Credits.**

Introduction to the theory of computation. Finite automata, regular languages, pushdown automata, context-free languages, and Turing machines. Undecidable problems.

**Requisites:** Prerequisites, COMP 110 or 401, and COMP 283 or MATH 381; a grade of C or better in both courses is required.

**Grading status:** Letter grade.

**COMP 475. 2D Computer Graphics. 3 Credits.**

Fundamentals of modern software 2D graphics; geometric primitives, scan conversion, clipping, transformations, compositing, texture sampling. Advanced topics may include gradients, antialiasing, filtering, parametric curves, and geometric stroking.

**Requisites:** Prerequisites, MATH 547 or 577, and COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.



**COMP 486. Applications of Natural Language Processing. 3 Credits.**

Study of applications of natural language processing techniques and the representations and processes needed to support them. Topics include interfaces, text retrieval, machine translation, speech processing, and text generation.

**Requisites:** Prerequisite, COMP 110, 116, or 410.

**Grading status:** Letter grade

**Same as:** INLS 512.

**COMP 487. Information Retrieval. 3 Credits.**

Study of information retrieval and question answering techniques, including document classification, retrieval and evaluation techniques, handling of large data collections, and the use of feedback.

**Grading status:** Letter grade

**Same as:** INLS 509.

**COMP 495. Mentored Research in Computer Science. 3 Credits.**

Independent research conducted under the direct mentorship of a computer science faculty member. This course cannot be counted toward the completion of the major or minor. For computer science majors only. Permission of instructor required.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMP 496. Independent Study in Computer Science. 1-3 Credits.**

Permission of the director of undergraduate studies. Computer science majors only. For advanced majors in computer science who wish to conduct an independent study or research project with a faculty supervisor. May be taken repeatedly for up to a total of six credit hours.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**COMP 520. Compilers. 3 Credits.**

Design and construction of compilers. Theory and pragmatics of lexical, syntactic, and semantic analysis. Interpretation. Code generation for a modern architecture. Run-time environments. Includes a large compiler implementation project.

**Requisites:** Prerequisites, COMP 401, 410, 411, and 455; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.

**COMP 521. Files and Databases. 3 Credits.**

Placement of data on secondary storage. File organization. Database history, practice, major models, system structure and design.

**Requisites:** Prerequisites, COMP 401, 410, and 411; a grade of C or better is required in COMP 401, 410, and 411.

**Grading status:** Letter grade.

**COMP 523. Software Engineering Laboratory. 4 Credits.**

Organization and scheduling of software engineering projects, structured programming, and design. Each team designs, codes, and debugs program components and synthesizes them into a tested, documented program product.

**Requisites:** Prerequisites, COMP 401, 410, 411, and at least two chosen from COMP 426, 431, 433, 520, 521, 530, 535, 560, 562, 575, 580, 585; a grade of C or better in COMP 401, 410, and 411 is required.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**COMP 524. Programming Language Concepts. 3 Credits.**

Concepts of high-level programming and their realization in specific languages. Data types, scope, control structures, procedural abstraction, classes, concurrency. Run-time implementation.

**Requisites:** Prerequisites, COMP 401 and 410; a grade of C or better is required in COMP 401 and 410.

**Grading status:** Letter grade.

**COMP 530. Operating Systems. 3 Credits.**

Types of operating systems. Concurrent programming. Management of storage, processes, devices. Scheduling, protection. Case study. Course includes a programming laboratory.

**Requisites:** Prerequisites, COMP 401, 410, and 411; a grade of C or better in COMP 401, 410, and 411 is required.

**Grading status:** Letter grade.

**COMP 530H. Operating Systems. 3 Credits.**

Types of operating systems. Concurrent programming. Management of storage, processes, devices. Scheduling, protection. Case study. Course includes a programming laboratory.

**Requisites:** Prerequisites, COMP 401, 410, and 411; a grade of C or better in COMP 401, 410, and 411 is required.

**Grading status:** Letter grade.

**COMP 533. Distributed Systems. 3 Credits.**

Distributed systems and their goals; resource naming, synchronization of distributed processes; consistency and replication; fault tolerance; security and trust; distributed object-based systems; distributed file systems; distributed Web-based systems; and peer-to-peer systems.

**Requisites:** Prerequisite, COMP 431 or 530; a grade of C or better is required; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMP 535. Introduction to Computer Security. 3 Credits.**

Principles of securing the creation, storage, and transmission of data and ensuring its integrity, confidentiality and availability. Topics include access control, cryptography and cryptographic protocols, network security, and online privacy.

**Requisites:** Prerequisites, COMP 401, 410, 550, and COMP 283 or MATH 381; a grade of C or better is required in all four courses.

**Grading status:** Letter grade.

**COMP 541. Digital Logic and Computer Design. 4 Credits.**

This course is an introduction to digital logic as well as the structure and electronic design of modern processors. Students will implement a working computer during the laboratory sessions.

**Requisites:** Prerequisites, COMP 401 and 411; a grade of C or better in COMP 401 and 411 is required.

**Grading status:** Letter grade.

**COMP 550. Algorithms and Analysis. 3 Credits.**

Formal specification and verification of programs. Techniques of algorithm analysis. Problem-solving paradigms. Survey of selected algorithms.

**Requisites:** Prerequisites, COMP 401, 410, and COMP 283 or MATH 381; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.

**COMP 555. Bioalgorithms. 3 Credits.**

Bioinformatics algorithms. Topics include DNA restriction mapping, finding regulatory motifs, genome rearrangements, sequence alignments, gene prediction, graph algorithms, DNA sequencing, protein sequencing, combinatorial pattern matching, approximate pattern matching, clustering and evolution, tree construction, Hidden Markov Models, randomized algorithms.

**Requisites:** Prerequisites, COMP 401, 410, and MATH 231 or 241; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.

**COMP 560. Artificial Intelligence. 3 Credits.**

Introduction to techniques and applications of modern artificial intelligence. Combinatorial search, probabilistic models and reasoning, and applications to natural language understanding, robotics, and computer vision.

**Requisites:** Prerequisites, COMP 401, 410, and MATH 231 or 241; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.

**COMP 562. Introduction to Machine Learning. 3 Credits.**

Machine learning as applied to speech recognition, tracking, collaborative filtering and recommendation systems. Classification, regression, support vector machines, hidden Markov models, principal component analysis, and deep learning.

**Requisites:** Prerequisites, COMP 401, 410, MATH 233, and STOR 435; a grade of C or better is required in all prerequisite courses; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**COMP 572. Computational Photography. 3 Credits.**

The course provides a hands on introduction to techniques in computational photography—the process of digitally recording light and then performing computational manipulations on those measurements to produce an image or other representation. The course includes an introduction to relevant concepts in computer vision and computer graphics.

**Requisites:** Prerequisites, COMP 401, 410, and MATH 547 or 577; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.

**COMP 575. Introduction to Computer Graphics. 3 Credits.**

Hardware, software, and algorithms for computer graphics. Scan conversion, 2-D and 3-D transformations, object hierarchies. Hidden surface removal, clipping, shading, and antialiasing. Not for graduate computer science credit.

**Requisites:** Prerequisites, COMP 401, 410, 411, and MATH 547 or MATH 577; a grade of C or better is required in all prerequisite courses.

**Grading status:** Letter grade.

**COMP 576. Mathematics for Image Computing. 3 Credits.**

Mathematics relevant to image processing and analysis using real image computing objectives and provided by computer implementations.

**Requisites:** Prerequisites, COMP 116 or 401, and MATH 233; a grade of C or better is required in COMP 116 or 401, and MATH 233.

**Grading status:** Letter grade

**Same as:** BMME 576.

**COMP 580. Enabling Technologies. 3 Credits.**

We will investigate ways computer technology can be used to mitigate the effects of disabilities and the sometimes surprising response of those we intended to help.

**Requisites:** Prerequisites, COMP 401 and 410; a grade of C or better is required in COMP 401 and 410.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**COMP 581. Introduction to Robotics. 3 Credits.**

Instructor permission for students lacking the prerequisites. Hands-on introduction to robotics with a focus on the computational aspects. Students will build and program mobile robots. Topics include kinematics, actuation, sensing, configuration spaces, control, and motion planning. Applications include industrial, mobile, personal, and medical robots.

**Requisites:** Prerequisites, COMP 401 and 410.

**Grading status:** Letter grade.

**COMP 581H. Introduction to Robotics. 3 Credits.**

Instructor permission for students lacking the prerequisites. Hands-on introduction to robotics with a focus on the computational aspects. Students will build and program mobile robots. Topics include kinematics, actuation, sensing, configuration spaces, control, and motion planning. Applications include industrial, mobile, personal, and medical robots.

**Requisites:** Prerequisites, COMP 401 and 410.

**Grading status:** Letter grade.

**COMP 585. Serious Games. 3 Credits.**

Concepts of computer game development and their application beyond entertainment to fields such as education, health, and business. Course includes team development of a game.

**Requisites:** Prerequisites, COMP 401, 410, 411, and 426.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMP 585H. Serious Games. 3 Credits.**

Concepts of computer game development and their application beyond entertainment to fields such as education, health, and business. Course includes team development of a game.

**Requisites:** Prerequisites, COMP 401, 410, 411, and 426.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**COMP 590. Topics in Computer Science. 3 Credits.**

Permission of the instructor. This course has variable content and may be taken multiple times for credit.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**COMP 590H. Topics in Computer Science. 3 Credits.**

Permission of the instructor. This course has variable content and may be taken multiple times for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**COMP 631. Computer Networks. 3 Credits.**

Required preparation, a first course in operating systems, a first course in networking (e.g., COMP 431 and 530), and knowledge of probability and statistics. Topics in computer networks, including link layer protocols, switching, IP, TCP, and congestion control. Additional topics may include peer-to-peer infrastructures, network security, and multimedia applications.

**Grading status:** Letter grade.

**COMP 633. Parallel and Distributed Computing. 3 Credits.**

Required preparation, a first course in operating systems and a first course in algorithms (e.g., COMP 530 and 550). Principles and practices of parallel and distributed computing. Models of computation. Concurrent programming languages and systems. Architectures. Algorithms and applications. Practicum.

**Grading status:** Letter grade.

**COMP 635. Wireless and Mobile Communications. 3 Credits.**

This course builds an understanding of the core issues encountered in the design of wireless (vs. wired) networks. It also exposes students to fairly recent paradigms in wireless communication.

**Requisites:** Prerequisite, COMP 431.

**Grading status:** Letter grade.

**COMP 636. Distributed Collaborative Systems. 3 Credits.**

Design and implementation of distributed collaborative systems. Collaborative architectures, consistency of replicated objects, collaborative user-interfaces, application and system taxonomies, application-level multicast, performance, causality, operation transformation, and concurrency and access control.

**Requisites:** Prerequisite, COMP 431 or 530; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**COMP 651. Computational Geometry. 3 Credits.**

Required preparation, a first course in algorithms (e.g., COMP 550). Design and analysis of algorithms and data structures for geometric problems. Applications in graphics, CAD/CAM, robotics, GIS, and molecular biology.

**Grading status:** Letter grade.

**COMP 655. Cryptography. 3 Credits.**

Instructor permission for students lacking prerequisites. Introduction to design and analysis of cryptographic algorithms. Topics include basis of abstract algebra and number theory, symmetric and asymmetric encryption algorithms, cryptographic hash functions, message authentication codes, digital signature schemes, elliptic curve algorithms, side-channel attacks, selected advanced topics

**Requisites:** Prerequisites, COMP 455 and STOR 435.

**Grading status:** Letter grade.

**COMP 662. Scientific Computation II. 3 Credits.**

Theory and practical issues arising in linear algebra problems derived from physical applications, e.g., discretization of ODEs and PDEs. Linear systems, linear least squares, eigenvalue problems, singular value decomposition.

**Requisites:** Prerequisite, MATH 661.

**Grading status:** Letter grade

**Same as:** MATH 662, ENVR 662.

**COMP 665. Images, Graphics, and Vision. 3 Credits.**

Required preparation, a first course in data structures and a first course in discrete mathematics (e.g., COMP 410 and MATH 383). Display devices and procedures. Scan conversion. Matrix algebra supporting viewing transformations in computer graphics. Basic differential geometry. Coordinate systems, Fourier analysis, FDFT algorithm. Human visual system, psychophysics, scale in vision.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**COMP 672. Simulation Modeling and Analysis. 3 Credits.**

Introduces students to modeling, programming, and statistical analysis applicable to computer simulations. Emphasizes statistical analysis of simulation output for decision-making. Focuses on discrete-event simulations and discusses other simulation methodologies such as Monte Carlo and agent-based simulations. Students model, program, and run simulations using specialized software. Familiarity with computer programming recommended.

**Requisites:** Prerequisites, STOR 555 and 641.

**Grading status:** Letter grade

**Same as:** STOR 672.

**COMP 690. Special Topics in Computer Science. 1-4 Credits.**

This course has variable content and may be taken multiple times for credit. COMP 690 courses do not count toward the major or minor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading status:** Letter grade.

**COMP 691H. Honors Thesis in Computer Science. 3 Credits.**

For computer science majors only and by permission of the department. Individual student research for students pursuing an honors thesis in computer science under the supervision of a departmental faculty adviser.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**COMP 692H. Honors Thesis in Computer Science. 3 Credits.**

Permission of the department. Required of all students in the honors program in computer science. The construction of a written honors thesis and an oral public presentation of the thesis are required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Computer Science Major, B.A.

### Contact Information

**Department of Computer Science**

Visit Program Website (<http://www.cs.unc.edu>)

Brooks Computer Science Building, 201 S. Columbia Street, CB# 3175  
(919) 590-6000

**Kevin Jeffay, Chair**

**Diane Pozefsky, Director of Undergraduate Studies**

[pozefsky@cs.unc.edu](mailto:pozefsky@cs.unc.edu)

**Adia Ware, Student Services Manager**

[aware@cs.unc.edu](mailto:aware@cs.unc.edu)

The bachelor of arts degree with a major in computer science will prepare students for a career in either a traditional computing field or a field in which computing is a significant enabling technology. The B.A. degree is

the preferred degree for those who wish more flexibility in their program of study.

## Department Programs

### Majors

- Computer Science Major, B.A. (p. 383)
- Computer Science Major, B.S. (p. 386)

### Minor

- Computer Science Minor (p. 389)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)

## Student Learning Outcomes

Upon completion of the computer science program (B.A.), students should be able to:

- Understand major concepts, theoretical perspectives, empirical findings, and historical trends in the core of computer science
- Gain employment in highly competitive industries and companies and be successful in those positions
- Use critical and creative thinking skills in their approach to analyzing and solving computational problems
- Apply their knowledge in the completion of a significant real-world experience

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
COMP 401	Foundation of Programming <sup>1, H</sup>	4
COMP 410	Data Structures <sup>1</sup>	3
COMP 411	Computer Organization <sup>1</sup>	4
COMP 283	Discrete Structures <sup>1</sup>	3
	or MATH 381 Discrete Mathematics	
Two additional COMP elective courses numbered 426 or higher (at least three credits each) <sup>2</sup>		6
Four additional elective courses chosen from the following, with no more than two courses from other departments:		12

COMP courses numbered 426 - 599 (excluding courses for honors thesis, internships, and independent study)

Graduate level courses (600 or higher) other than COMP 790<sup>3</sup>

BIOL 525	Analysis and Interpretation of Sequence-Based Functional Genomics Experiments	
INLS 318	Human Computer Interaction	
INLS 609	Experimental Information Retrieval	
INLS 613	Text Mining	
LING 540	Mathematical Linguistics	
MATH 566	Introduction to Numerical Analysis	
MATH/ENVR 661	Scientific Computation I	
PHYS 231	Physical Computing	
PHYS 331	Introduction to Numerical Techniques in Physics	

Other courses must be approved by the director of undergraduate studies and must have a significant computer or computing technology component.

### Additional Requirements

MATH 231	Calculus of Functions of One Variable I (A grade of C or better is required) <sup>1, H</sup>	4
STOR 155	Introduction to Data Models and Inference	3
	or STOR 435 Introduction to Probability	

B.A. majors in computer science must fulfill all Foundations, Approaches (p. 27), Connections (p. 27), and Supplemental General Education (p. 27) requirements.

Total Hours 39

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- <sup>1</sup> A grade of C or better is required in each of COMP 283 (or MATH 381), COMP 401, COMP 410, COMP 411, and MATH 231.
- <sup>2</sup> Excluding courses for honors thesis, internships, independent study, and COMP 690.
- <sup>3</sup> COMP 790 courses are general seminar courses that are not appropriate for this requirement and may only be counted with the approval of the director of undergraduate studies.

Computer science (COMP) course descriptions (p. 378).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following is a suggested four-year plan of study for B.A. majors.

Course	Title	Hours
<b>First Year</b>		
ENGL 105	English Composition and Rhetoric	3
Foreign language level 2 and 3 (Foundations)		6

Lifetime fitness	1
One of the following:	3
First-year seminar	
COMP 110 Introduction to Programming (if needed) <sup>H</sup>	
COMP 116 Introduction to Scientific Programming (if needed)	
COMP 401 Foundation of Programming <sup>H</sup>	4
MATH 231 Calculus of Functions of One Variable I (quantitative reasoning Foundations course) <sup>H</sup>	4
Additional General Education (p. 27) and elective courses	10
Hours	31
<b>Sophomore Year</b>	
An appropriate physical and life sciences Approaches (p. 27) course	4
COMP 283 Discrete Structures	3
COMP 410 Data Structures	3
COMP 411 Computer Organization	4
Four additional Approaches (p. 27) and Connections (p. 27) courses	12
Free elective	4
Hours	30
<b>Junior Year</b>	
STOR 155 Introduction to Data Models and Inference or Introduction to Probability or STOR 435	3
Three COMP courses numbered 426 or higher	9
Three additional Approaches (p. 27) and Connections (p. 27) courses	9
Supplemental General Education (p. 27)	9
Hours	30
<b>Senior Year</b>	
Three COMP courses numbered 426 or higher	9
Connections (p. 27) and free elective courses (four courses)	12
Free electives	8
Hours	29
Total Hours	120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

The following is a suggested plan of study for students initiating coursework for the B.A. major in their junior years. This is an accelerated plan appropriate for students who have already completed most if not all of their general education requirements and COMP 110 or COMP 116 (if needed). Students without prior programming experience are highly encouraged to complete COMP 110 or COMP 116 (or equivalent) prior to starting the program.

Course	Title	Hours
<b>Junior Year</b>		
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 283	Discrete Structures	3
STOR 155	Introduction to Data Models and Inference or Introduction to Probability or STOR 435	3

MATH 231	Calculus of Functions of One Variable I (if needed) <sup>H</sup>	4
COMP 410	Data Structures	3
COMP 411	Computer Organization	4
Supplemental General Education (p. 27)		9
Hours		30
<b>Senior Year</b>		
Six COMP courses numbered 426 or higher		18
Connections (p. 27) and free elective courses		12
Hours		30
Total Hours		60

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Notes on the Suggested Plan of Study

A first formal course in computer programming (such as COMP 110) is a prerequisite for COMP 401. Students with no programming experience should begin their program of study with COMP 110. Students who are unsure if their background preparation enables them to begin their studies with COMP 401 are encouraged to consult a departmental advisor.

Students who are able to begin with COMP 401 may take it in their first semester and either advance the suggested program of study by one semester (giving themselves an extra free elective in their junior/senior years) or take another appropriate course such as a first-year seminar. In either case, neither COMP 110 nor a first-year seminar is a required course in the major.

This plan of study further assumes that students will place out of foreign language 1. If this is not the case, then the student should start with foreign language 1 (and have one fewer free elective in the senior year).

## Special Opportunities in Computer Science

### Honors in Computer Science

Students are eligible for graduation with honors if they complete the following requirements:

- A cumulative grade point average of 3.3 or better
- A grade point average of 3.3 or better from among the set of COMP, MATH, PHYS, and STOR courses taken to fulfill the graduation requirements for the major
- Graduation with honors requires the completion of two semesters of research (COMP 691H and COMP 692H). As part of COMP 692H, students must submit a written honors thesis and complete an oral public presentation of the thesis. Graduation with highest honors in computer science is possible for those students whose honors project and thesis are judged by a faculty committee to be particularly distinguished.

Students interested in pursuing honors in computer science are encouraged to contact the director of undergraduate studies.

### Experiential Education

When arranged in advance with a supervising faculty member, COMP 293 can be used to earn credit for appropriate work experience in the



summer. COMP 293 satisfies the experiential education requirement. COMP 495 and COMP 691H can also be used to satisfy the experiential education requirement. Another possibility is through study abroad (see below).

### Assistantships and Internships

In addition to their classroom experiences, undergraduates may enhance their learning experience as research assistants or teaching assistants. Students also can participate in nationally recognized research programs or use the department's facilities to pursue self-directed research with a faculty member.

Work-study students can gain valuable work experience as assistants on the department's computer services staff. The department also encourages students to pursue internship experiences. Carolina's proximity to Research Triangle Park means that computer science majors have many internship and postgraduation opportunities available in their own backyard.

### Study Abroad

Study abroad opportunities with priority for computer science students are offered through University College London (UCL) and the National University of Singapore (NUS) School of Computing.

UCL can accept UNC–Chapel Hill students for either a semester or yearlong exchange. For semester-only programs, UCL recommends registering for spring semester rather than fall as it better matches their academic calendar. Many courses satisfying the computer science B.A. or B.S. requirements can be completed at UCL. UCL is located in the heart of London and is just a few blocks away from UNC–Chapel Hill's European Study Center in Winston House.

NUS can accept UNC–Chapel Hill students for fall or spring semester, or a yearlong exchange. This exchange allows Carolina students to enroll directly into the NUS School of Computing and choose their courses from among the full offering. On a case-by-case basis, students may also be able to take other courses at NUS outside of the School of Computing. Study abroad at NUS is eligible for the Phillips Ambassadors Scholarship. Please see the Phillips Ambassadors Web site (<http://phillips.unc.edu>) for more information.

Specific course equivalences for both schools are posted on the department's Web site. Students interested in taking a course not listed should contact the director of undergraduate studies before registering for courses at the school.

Application for both programs is through the University's Study Abroad Office. Application to the UCL programs and the NUS fall and yearlong programs takes place early in the spring of each year. Application for the NUS spring program takes place early in the fall of each year. Applicants for exchange participation must have completed at least one year of study at UNC–Chapel Hill and must have declared a computer science or precomputer science major. Study abroad satisfies the experiential education General Education requirement of the undergraduate curriculum.

### Undergraduate Awards

The department awards two yearly prizes to computer science majors. In conjunction with SAS Institute, the department annually presents the Charles H. Dunham Scholarship. The Dunham scholarship includes a cash award to the student and a summer internship at SAS and is awarded in the spring semester to a student in their junior year. The department also annually presents the Stephen F. Weiss Award for

Outstanding Achievement in Computer Science, which includes a cash prize. The Weiss award is presented to a student in the fall of the senior year.

## Computer Science Major, B.S.

### Contact Information

#### Department of Computer Science

Visit Program Website (<http://www.cs.unc.edu>)

Brooks Computer Science Building, 201 S. Columbia Street, CB# 3175  
(919) 590-6000

#### Kevin Jeffay, Chair

#### Diane Pozefsky, Director of Undergraduate Studies

[pozefsky@cs.unc.edu](mailto:pozefsky@cs.unc.edu)

#### Adia Ware, Student Services Manager

[aware@cs.unc.edu](mailto:aware@cs.unc.edu)

The bachelor of science with a major in computer science is the preferred degree both for graduate study in computer science and for technical careers in software development, computational science, networking, information systems, and electronic commerce. Graduates of the program are well-suited for professional employment in traditional computer and communications industries, as well as in such diverse industries as financial services and consulting practices in which computing and information management are central to the operation of the enterprise. Students who desire a more in-depth knowledge of computing have the option of receiving a bachelor's degree and a master's degree in as few as five years.

## Department Programs

### Majors

- Computer Science Major, B.A. (p. 383)
- Computer Science Major, B.S. (p. 386)

### Minor

- Computer Science Minor (p. 389)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)

## Student Learning Outcomes

Upon completion of the computer science program (B.S.), students should be able to:

- Understand major concepts, theoretical perspectives, empirical findings, and historical trends in the core of computer science
- Gain technical employment in computing or related fields, or gain admission to high-quality graduate programs, either in computing or related professions
- Use critical and creative thinking skills in their approach to analyzing and solving computational problems

- Apply their knowledge, research skills, and critical thinking in the completion of a significant research project

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
COMP 401	Foundation of Programming <sup>1, H</sup>	4
COMP 410	Data Structures <sup>1</sup>	3
COMP 411	Computer Organization <sup>1</sup>	4
COMP 283	Discrete Structures <sup>1</sup>	3
or MATH 381	Discrete Mathematics	
COMP 455	Models of Languages and Computation	3
COMP 550	Algorithms and Analysis	3
Five additional three-or-more credit hour COMP courses numbered 426 or higher (excluding courses for honors thesis, internships, independent study, and COMP 690). <sup>2</sup>		15
<b>Additional Requirements</b>		
MATH 231	Calculus of Functions of One Variable I <sup>1, H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H</sup>	4
MATH 547	Linear Algebra for Applications	3
or MATH 577	Linear Algebra	
STOR 435	Introduction to Probability	3
PHYS 116	Mechanics <sup>1, H</sup>	4
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
A second science course chosen from: <sup>1</sup>		4
ASTR 101 & 101L	Introduction to Astronomy: The Solar System and Introduction to Astronomy Laboratory: Our Place in Space <sup>H</sup>	
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	
GEOL 101 & 101L	Planet Earth and Planet Earth Laboratory	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta
PHYS 351	Electronics I
PHYS 352	Electronics II

B.S. majors in computer science must fulfill all Foundations, Approaches (p. 27), and Connections (p. 27) requirements.

Total Hours 61

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> A grade of C or better is required in each of COMP 283 (or MATH 381), COMP 401, COMP 410, COMP 411; MATH 231, MATH 232, MATH 233, PHYS 116 or PHYS 118; and the second science course.

<sup>2</sup> Graduate level courses (600 or higher) other than COMP 790 may be counted towards this requirement. COMP 790 courses are generally seminar courses that are not appropriate for this requirement and may only be counted with the approval of the director of undergraduate studies.

Computer science (COMP) course descriptions (p. 378).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following is a suggested plan of study for B.S. majors.

Course	Title	Hours
<b>First Year</b>		
ENGL 105	English Composition and Rhetoric	3
Foreign language level 2 and 3 (Foundations)		6
COMP 110	Introduction to Programming <sup>H</sup>	3
COMP 401	Foundation of Programming <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I (quantitative reasoning Foundations course) <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II (Quantitative intensive Connections course) <sup>H</sup>	4
Additional General Education (p. 27) courses		6
Hours		30
<b>Sophomore Year</b>		
COMP 283	Discrete Structures	3
COMP 410	Data Structures	3
COMP 411	Computer Organization	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
PHYS 116	Mechanics <sup>H</sup>	4
or PHYS 118	or Introductory Calculus-based Mechanics and Relativity	
The second science course (see requirement course list)		4

Three additional Approaches (p. 27) and Connections (p. 27) courses	9
Hours	31
<b>Junior Year</b>	
COMP 455 Models of Languages and Computation	3
COMP 550 Algorithms and Analysis	3
MATH 547 Linear Algebra for Applications	3
Two courses numbered COMP 426 or greater	6
Three additional Approaches (p. 27) and Connections (p. 27) courses	9
Electives	6
Hours	30
<b>Senior Year</b>	
STOR 435 Introduction to Probability	3
Three courses numbered COMP 426 or greater	9
Connections (p. 27) and free elective courses (four courses)	12
Electives	5
Hours	29
Total Hours	120

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Notes on the Suggested Plan of Study

A first formal course in computer programming (such as COMP 110) or equivalent experience is a prerequisite for COMP 401. Students with no programming experience should begin their program of study with COMP 110. Students who are unsure if their background preparation enables them to begin their studies with COMP 401 are encouraged to consult a departmental advisor.

Students who are able to begin with COMP 401 may take it in their first semester and either advance the suggested program of study by one semester (giving themselves an extra free elective in their junior/senior years) or take another appropriate course such as a first-year seminar. In either case, neither COMP 110 nor a first-year seminar is a required course in the major.

This plan of study further assumes that students will place out of foreign language 1. If this is not the case, then the student should start with foreign language 1 (and have one fewer free elective in the senior year).

## Special Opportunities in Computer Science

### Honors in Computer Science

Students are eligible for graduation with honors if they complete the following requirements:

- A cumulative grade point average of 3.3 or better
- A grade point average of 3.3 or better from among the set of COMP, MATH, PHYS, and STOR courses taken to fulfill the graduation requirements for the major
- Graduation with honors requires the completion of two semesters of research (COMP 691H and COMP 692H). As part of COMP 692H, students must submit a written honors thesis and complete an oral public presentation of the thesis. Graduation with highest

honors in computer science is possible for those students whose honors project and thesis are judged by a faculty committee to be particularly distinguished.

Students interested in pursuing honors in computer science are encouraged to contact the director of undergraduate studies.

### Experiential Education

When arranged in advance with a supervising faculty member, COMP 293 can be used to earn credit for appropriate work experience in the summer. COMP 293 satisfies the experiential education requirement. COMP 495 and COMP 691H can also be used to satisfy the experiential education requirement. Another possibility is through study abroad (see below).

### Assistantships and Internships

In addition to their classroom experiences, undergraduates may enhance their learning experience as research assistants or teaching assistants. Students also can participate in nationally recognized research programs or use the department's facilities to pursue self-directed research with a faculty member.

Work-study students can gain valuable work experience as assistants on the department's computer services staff. The department also encourages students to pursue internship experiences. Carolina's proximity to Research Triangle Park means that computer science majors have many internship and postgraduation opportunities available in their own backyard.

### Study Abroad

Study abroad opportunities with priority for computer science students are offered through University College London (UCL) and the National University of Singapore (NUS) School of Computing.

UCL can accept UNC–Chapel Hill students for either a semester or yearlong exchange. For semester-only programs, UCL recommends registering for spring semester rather than fall as it better matches their academic calendar. Many courses satisfying the computer science B.A. or B.S. requirements can be completed at UCL. UCL is located in the heart of London and is just a few blocks away from UNC–Chapel Hill's European Study Center in Winston House.

NUS can accept UNC–Chapel Hill students for fall or spring semester, or a yearlong exchange. This exchange allows Carolina students to enroll directly into the NUS School of Computing and choose their courses from among the full offering. On a case-by-case basis, students may also be able to take other courses at NUS outside of the School of Computing. Study abroad at NUS is eligible for the Phillips Ambassadors Scholarship. Please see the Phillips Ambassadors Web site (<http://phillips.unc.edu>) for more information.

Specific course equivalences for both schools are posted on the department's Web site. Students interested in taking a course not listed should contact the director of undergraduate studies before registering for courses at the school.

Application for both programs is through the University's Study Abroad Office. Application to the UCL programs and the NUS fall and yearlong programs takes place early in the spring of each year. Application for the NUS spring program takes place early in the fall of each year. Applicants for exchange participation must have completed at least one year of study at UNC–Chapel Hill and must have declared a computer science or precomputer science major. Study abroad satisfies the experiential

education General Education requirement of the undergraduate curriculum.

## Undergraduate Awards

The department awards two yearly prizes to computer science majors. In conjunction with SAS Institute, the department annually presents the Charles H. Dunham Scholarship. The Dunham scholarship includes a cash award to the student and a summer internship at SAS and is awarded in the spring semester to a student in their junior year. The department also annually presents the Stephen F. Weiss Award for Outstanding Achievement in Computer Science, which includes a cash prize. The Weiss award is presented to a student in the fall of the senior year.

## Dual Bachelor's–Master's Degree Program

Students in the B.S. degree program with a GPA of 3.2 or better after five or more semesters of study have the option of applying to the dual B.S.–M.S. program at UNC–Chapel Hill to pursue graduate coursework leading to the degree of master of science. Such students must complete the requirements for the bachelor of science degree within eight semesters. Upon completion of the B.S. degree, students then enroll as a graduate student to continue work towards the master of science degree.

The requirements for the master of science degree can be found in the *Graduate Catalog*. Generally, the master's degree requires 30 additional hours of computer science coursework. Up to nine credit hours of computer science coursework taken while an undergraduate can be applied to the master's degree if the coursework is not also used to satisfy the graduation requirements for the bachelor's degree. The requirements for the master's can be completed in as few as two additional semesters, for a total of 10 semesters of study.

Students interested in the dual-degree program should have completed (or be on track to complete) seven computer science courses at the 400 level or higher by the end of their sixth semester. Students must formally apply for admission to the combined B.S.–M.S. program, and it is expected that the application process would take place in the student's sixth semester. Students applying in their sixth semester of study will be notified of the outcome of their application by the end of their sixth semester.

Students interested in the dual-degree program are strongly advised to consult the director of undergraduate studies in the Department of Computer Science in their sophomore year to discuss eligibility and an appropriate plan of study.

## Computer Science Minor

### Contact Information

#### Department of Computer Science

Visit Program Website (<http://www.cs.unc.edu>)

Brooks Computer Science Building, 201 S. Columbia Street, CB# 3175  
(919) 590-6000

**Kevin Jeffay, Chair**

**Diane Pozefsky, Director of Undergraduate Studies**

[pozefsky@cs.unc.edu](mailto:pozefsky@cs.unc.edu)

**Adia Ware, Student Services Manager**

[aware@cs.unc.edu](mailto:aware@cs.unc.edu)

The Department of Computer Science offers instruction and performs research in the essential areas of computer science including software, Web and Internet computing, networking, hardware systems, operating systems, compilers, parallel and distributed computing, theory of computing, and computer graphics.

## Department Programs

### Majors

- Computer Science Major, B.A. (p. 383)
- Computer Science Major, B.S. (p. 386)

### Minor

- Computer Science Minor (p. 389)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

A student may minor in computer science by completing five courses within these restrictions:

Code	Title	Hours
<b>Core Requirements</b>		
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 410	Data Structures	3
COMP 411	Computer Organization	4
Any two additional COMP courses 426 or greater excluding COMP 495, COMP 496, COMP 691H, and COMP 692H		6
Total Hours		17

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Alternatives to these requirements must be approved by the director of undergraduate studies.

See the program page here (p. 383) for special opportunities.

# DEPARTMENT OF DRAMATIC ART

## Contact Information

### Department of Dramatic Art

Visit Program Website (<http://drama.unc.edu>)  
Center for Dramatic Art, CB# 3230  
(919) 962-1132

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## Introduction

The study of dramatic art focuses upon the great dramatic texts of the classical and modern periods and introduces the student to the variety of artistic endeavors necessary to realize the text in theatrical performance. Majors concentrate on the literature and history of the theatre while investigating the processes involved in acting, directing, design, costume, and technical production.

Courses focus on the connections between theatre and society, between theatrical performance and the visual arts, and between dramatic literature and philosophy, history, and other literary forms. The study of theatre embraces a range of subjects in the humanities and fine arts, including literature, language, aesthetics, culture, and performance.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Every student whose primary major is dramatic art will also be assigned a departmental advisor, beginning in the semester that 60 hours will be completed. The department's director of undergraduate studies and undergraduate advisor work with current and prospective majors by appointment. Please contact the department at CB# 3230, (919) 962-1132. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://drama.unc.edu>).

## Facilities

The Department of Dramatic Art's offices, classrooms, studios, rehearsal hall, and construction shops are located in the Joan H. Gillings Center for Dramatic Art. Each year the Department of Dramatic Art's Kenan Theatre Company (KTC) supports four full productions in the Elizabeth Price Kenan Theatre. The Department also sponsors a variety of other productions such as student-directed work in the smaller classroom environment. The department provides showcase venues for new student writing, including readings and fully produced plays.

## Graduate School and Career Opportunities

The dramatic art major is associated with a variety of career opportunities, including graduate study, public relations, communications, arts management, public service, teaching, and theatre-related careers, including literary management, stage management, acting, design, publicity, marketing, fund-raising, technical production,

sound and lighting technology, box office management, costuming, electrics, and stage craft.

### Major

- Dramatic Art Major, B.A. (p. 396)

### Minors

- Dramatic Art Minor (p. 398)

### Graduate Program

- M.F.A. in Dramatic Art (<http://catalog.unc.edu/graduate/schools-departments/dramatic-art>)

## Professors

Janet A. Chambers, McKay Coble, Raymond E. Dooley, Roberta A. (Bobbi) Owen (Michael R. McVaugh Distinguished Professor in Dramatic Art), Adam N. Versényi.

## Associate Professors

David B. Navalinsky, Michael J. Roller.

## Assistant Professors

Tracy Bersley, Samuel Gates, Julia Gibson, Jacqueline Lawton, John Patrick.

## Professor of the Practice

Judith L. Adamson, Vivienne Benesch.

## Teaching Professor

Jeffrey Blair Cornell, Gregory Kable.

## Teaching Associate Professors

Adam Maxfield, Kathryn Williams.

## Teaching Assistant Professors

Dominic Abbenante, David A. Adamson, Jennifer Guadagno, Justin Haslett, Kimball King (Professor Emeritus of English), Mark Perry, Rachel Pollock.

## Professors Emeriti

Milly S. Barranger (Alumni Distinguished Professor), David A. Hammond, Kathy Perkins, Bonnie N. Raphael, Craig W. Turner.

## DRAM—Dramatic Art

### Undergraduate-level Courses

**DRAM 79. First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration. 3 Credits.**

This seminar is designed to get the student doing theatre, sparking creativity, and making connections with the deeper lessons of this dynamic art form. Students will write, stage, and perform their own 10-minute plays.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.



**DRAM 80. First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down. 3 Credits.**

The course seeks to help students find ways to articulate their own motivations for dress and then apply the ideas they have discovered to the ways in which individuality as well as group attitudes are expressed through clothing.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 80H. First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down. 3 Credits.**

The course seeks to help students find ways to articulate their own motivations for dress and then apply the ideas they have discovered to the ways in which individuality as well as group attitudes are expressed through clothing.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 81. First-Year Seminar: Staging America: The American Drama. 3 Credits.**

This seminar examines American drama from its colonial origins to the present as both a literary and commercial art form. The focus throughout will be on the forces that shaped American drama as well as drama's ability to shed light on the national experience.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 81H. First-Year Seminar: Staging America: The American Drama. 3 Credits.**

This seminar examines American drama from its colonial origins to the present as both a literary and commercial art form. The focus throughout will be on the forces that shaped American drama as well as drama's ability to shed light on the national experience.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 82. First-Year Seminar: All the World's a Stage: Drama as a Mirror of Society. 3 Credits.**

This seminar examines how theatre evolves from and reflects the society that generates it, and how understanding that society can enrich our responses to plays.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**DRAM 83. First-Year Seminar: Spectacle in the Theatre. 3 Credits.**

This course examines how the theatrical designer uses scenery, costumes, and lighting to help create a production. Students will apply these techniques in creating their own design projects.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 84. First-Year Seminar: The Inherent Qualities of Theatrical Space. 3 Credits.**

This course examines what elements contribute to the theatricality of space. Through research and creative projects, students will gauge how a space informs what goes on inside it.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 85. First-Year Seminar: Documentary Theatre. 3 Credits.**

This course explores the political and social ramifications of documentary theatre in the United States. Students will investigate a local community of their choosing and create an interview-based performance.

**Gen Ed:** VP, EE- Performing Arts, NA.

**Grading status:** Letter grade.

**DRAM 85H. First-Year Seminar: Documentary Theatre. 3 Credits.**

This course explores the political and social ramifications of documentary theatre in the United States. Students will investigate a local community of their choosing and create an interview-based performance.

**Gen Ed:** VP, EE- Performing Arts, NA.

**Grading status:** Letter grade.

**DRAM 86. First-Year Seminar: Rediscovering the Mind-Body Connection. 3 Credits.**

This seminar will focus on developing our unique mind-body connection. By encouraging small and large changes in behavior students will learn how their body is used to create their world.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 87. First-Year Seminar: Style: A Mode of Expression. 3 Credits.**

This seminar studies the elements of design in their pure form, surveys a history of period styles and theatre, and identifies their causes.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 87H. First-Year Seminar: Style: A Mode of Expression. 3 Credits.**

This seminar studies the elements of design in their pure form, surveys a history of period styles and theatre, and identifies their causes.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 88. First-Year Seminar: Ecology and Performance. 3 Credits.**

This seminar will guide students through researching, developing, and producing new performance works inspired by socio-ecological issues. This task involves student-directed research and experiential learning. Students will integrate an understanding of performance techniques, "green theatre," and notions of sustainability into an ecologically-driven work for performance.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**DRAM 89. First Year Seminar: Special Topics. 3 Credits.**

This is a special topics course. Content will vary.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 115. Perspectives in Drama. 3 Credits.**

A survey of plays from the Greeks to the present, analyzed through such elements of the dramatic text as action, character, structure, and language.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**DRAM 115H. Perspectives in Drama. 3 Credits.**

A survey of plays from the Greeks to the present, analyzed through such elements of the dramatic text as action, character, structure, and language.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**DRAM 116. Perspectives in the Theatre. 3 Credits.**

A survey of the interrelationships of acting, directing, designing, and playwrighting through the study of major periods of theatrical expression and representative plays.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 116H. Perspectives in the Theatre. 3 Credits.**

A survey of the interrelationships of acting, directing, designing, and playwriting through the study of major periods of theatrical expression and representative plays.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 117. Perspectives in World Drama. 3 Credits.**

A survey of non-Western drama and theatre with emphasis on the historical and aesthetic development of those regions.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**DRAM 117H. Perspectives in World Drama. 3 Credits.**

A survey of non-Western drama and theatre with emphasis on the historical and aesthetic development of those regions

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**DRAM 120. Play Analysis. 3 Credits.**

Development of the skill to analyze plays for academic and production purposes through the intensive study of representative plays. DRAM 120 is the first course in the major and the minor in dramatic art.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 120H. Play Analysis. 3 Credits.**

Development of the skill to analyze plays for academic and production purposes through the intensive study of representative plays. DRAM 120 is the first course in the major and the minor in dramatic art.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 131. Writing for the Screen and Stage. 3 Credits.**

Restricted course. Dramatic writing workshop open only to students in the writing for the screen and stage minor.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade

**Same as:** COMM 131.

**DRAM 134. Theatrical Auditions. 3 Credits.**

Permission of the instructor. Practice in the techniques necessary for successful auditions for the theatre.

**Grading status:** Letter grade.

**DRAM 135. Acting for Nonmajors. 3 Credits.**

Introduction to basic processes and techniques of acting for the stage.

**Grading status:** Letter grade.

**DRAM 140. Voice Training I. 3 Credits.**

Fundamental principles underlying the effective use of voice and speech in performance.

**Grading status:** Letter grade.

**DRAM 145. Acting for the Screen and Stage. 3 Credits.**

The course focuses on developing acting techniques for use in front of the camera and the way they are differentiated from those used on stage.

**Grading status:** Letter grade.

**DRAM 150. Beginning Acting for the Major. 3 Credits.**

Introduction to acting tools, emphasizing playing actions and pursuing an objective by personalized given circumstances. Performance work drawn from short scripted, improvised, and contemporary scenes.

**Requisites:** Prerequisite, DRAM 120.

**Grading status:** Letter grade.

**DRAM 155. Movement for the Actor. 3 Credits.**

Introduction to physical training. Individual/group exercises explore relaxation, breath, concentration, flexibility, and imaginative response that become physical tools for acting. May include stage combat, juggling, mime, improvisation, games, and yoga.

**Grading status:** Letter grade.

**DRAM 160. Stagecraft. 3 Credits.**

General survey of materials, equipment, and processes used in technical theatre.

**Grading status:** Letter grade.

**DRAM 170. The Playful Actor: Theatre Games and Improvisation. 3 Credits.**

This course seeks to strengthen the powers of imagination, courage, spontaneity, and presence of the actor through theatre games and improvisation.

**Grading status:** Letter grade.

**DRAM 175. Building A Persuasive Persona Under Pressure. 3 Credits.**

This course will help develop the skills necessary to be an effective communicator, especially during stressful situations. Breathing techniques which enable us to listen with accuracy and empathy, and to speak compellingly with confidence, will be practiced. Mock scenarios and on-camera interviews will create real-to-life situations.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**DRAM 191. Technical Methods: Scenery. 3 Credits.**

DRAM 191 or 192 required for dramatic art majors. Permission of the instructor for nonmajors. Introduction to equipment, procedures, and personnel in the design and execution of plans for scenery, lighting, properties, and sound for theatrical productions.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade.

**DRAM 192. Technical Methods: Costume. 3 Credits.**

DRAM 191 or 192 required for dramatic art majors. Permission of the instructor for nonmajors. Introduction to equipment, procedures, and personnel in the design and execution of costumes for theatrical productions.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**DRAM 193. Production Practicum. 3 Credits.**

Permission of the instructor for nonmajors. Required for the dramatic art major. Practicum in production with PlayMakers Repertory Company in costuming, scenery, lighting, sound, or theatre management.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade.

**DRAM 196. Dramatic Art Projects. 1-3 Credits.**

Permission of the department. May be repeated for credit. Restricted to juniors and seniors majoring in dramatic art. Intensive individual work in major areas of theatrical production: design, technical, directing, acting, playwriting, management.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 215. Studies in Western Drama. 3 Credits.**

A study of the thematic and formal developments of Western drama, tracing legacies from classical Greece to the contemporary stage.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**DRAM 231. Playwriting I. 3 Credits.**

Permission of the department. A practical course in writing for the stage with studio productions of selected works.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 235. Acting for Nonmajors II. 3 Credits.**

A further exploration of basic processes and techniques of acting for the stage.

**Requisites:** Prerequisite, DRAM 135.

**Grading status:** Letter grade.

**DRAM 240. Voice Training II. 3 Credits.**

A continuation of DRAM 140.

**Requisites:** Prerequisite, DRAM 140.

**Grading status:** Letter grade.

**DRAM 245. Acting for the Camera. 3 Credits.**

The process of acting and its relationship to the technical and artistic demands of television/film production. Problems of continuity and out-of-sequence filming. Concentration and thinking on camera.

**Requisites:** Prerequisite, DRAM 135 or 150; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**DRAM 250. Intermediate Acting for the Major. 3 Credits.**

A deeper exploration of fulfilled actions prompted by an objective, with emphasis on developing techniques required by more formally structured texts such as Sophocles, Molière, Ibsen, Shaw, and Chekhov. .

**Requisites:** Prerequisite, DRAM 150.

**Grading status:** Letter grade.

**DRAM 255. Movement for the Actor II. 3 Credits.**

Development of balance, flexibility, strength, focus, grace, and precision through martial art of T'ai Chi Ch'uan. Emphasis on applying T'ai Chi principles to acting. Chinese philosophical bases for T'ai Chi explored.

**Requisites:** Prerequisite, DRAM 155; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**DRAM 260. Advanced Stagecraft. 3 Credits.**

The course provides practical applications of principles and techniques used in technical theatre. Lectures are supported by individually scheduled workshop sessions where techniques are applied to a theatrical production.

**Requisites:** Prerequisite, DRAM 160; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade.

**DRAM 265. Stage Makeup. 3 Credits.**

A study of principles and techniques for stage, film, and television makeup, including corrective makeup, old age, 3-D, casting for prosthetic pieces, and methods for creating fantasy forms. Also applicable to film and television.

**Gen Ed:** VP.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 277. Introduction to Theatrical Design. 3 Credits.**

General principles of scenic, costume, and lighting design for the theatre.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 279. Introduction to Theatre Management. 3 Credits.**

An overview of the major functions of management in the American nonprofit theatre including marketing, fundraising, finances, strategy and operations. Presentation skills will be practiced.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**DRAM 280. Period Styles for the Theatre. 3 Credits.**

A study of visual, cultural, and social styles through history as the forms developed, and as they relate to stylistic production for the theatre. Students may not receive credit for both DRAM 280 and DRAM 480.

**Grading status:** Letter grade.

**DRAM 281. Theatre History and Literature I. 3 Credits.**

Survey of theatre practice and writing from the Greeks to 1700.

**Requisites:** Prerequisite, DRAM 120.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**DRAM 282. Theatre History and Literature II. 3 Credits.**

Survey of theatre practice and writing from 1700 to 1920.

**Requisites:** Prerequisite, DRAM 120.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**DRAM 283. Theatre History and Literature III. 3 Credits.**

Survey of theatre practice and writing from 1930 to the present.

**Requisites:** Prerequisite, DRAM 120.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**DRAM 284. Studies in Dramatic Theory and Criticism. 3 Credits.**

May be repeated for credit. Seminar in dramatic theory and criticism with emphasis on the modern period.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 284H. Studies in Dramatic Theory and Criticism. 3 Credits.**

May be repeated for credit. Seminar in dramatic theory and criticism with emphasis on the modern period.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 285. Modern British Drama. 3 Credits.**

Evolution of modern British drama from 1956 through the present.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**DRAM 285H. Modern British Drama. 3 Credits.**

Evolution of modern British drama from 1956 through the present.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**DRAM 286. Modern Irish Drama. 3 Credits.**

This course surveys Irish drama from the 1890s to the 1980s, investigating a broad range of plays in relationship to the sociopolitical and theatrical conditions of their emergence and reception.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**DRAM 287. African American Theatre. 3 Credits.**

This course investigates the history and legacy of African American drama through the study of its literary texts, performance styles, and cultural history.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 288. Theatre for Social Change. 3 Credits.**

This course assesses different models of theatre for social change through change theory, playwriting, and collaboration. Students will be guided through the process of creating new works.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**DRAM 289. Contemporary Irish Drama. 3 Credits.**

This course investigates Irish drama from the 1990s to the present, exploring how issues and themes of globalization, gender, race, nation, and identity, among others, translate from text to performance.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**DRAM 289H. Contemporary Irish Drama. 3 Credits.**

This course investigates Irish drama from the 1990s to the present, exploring how issues and themes of globalization, gender, race, nation, and identity, among others, translate from text to performance.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**DRAM 290. Special Topics in Dramatic Art. 0.5-3 Credits.**

The study of a topic in dramaturgy, theatrical design, or theatrical production. Content and instructor will vary. May be repeated for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 291. Re-Playing Shakespeare in East Asia. 3 Credits.**

This course investigates how Shakespeare is retold and relived in the Asian theatre vocabulary through examining aesthetic value, cultural and political identity, postcolonial modernity, and spectatorship in theatrical and cinematic interpretations of Shakespeare.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**DRAM 292. Corner of the Sky": The American Musical. 3 Credits.**

This course considers the anatomy and diversity of the American musical, exploring its history and aesthetics and employing an interdisciplinary approach to examining and celebrating its shows, sounds, stars, structures, styles, and sensibilities, within the genre's dominant contexts of Broadway, Hollywood, and Utopia.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 294. Arts Criticism. 3 Credits.**

An introduction to the principles of arts criticism through study of the work of a variety of critics, by distinguishing between the nature of criticism and reviewing the arts (both performing and plastic), and through the students' own practice of critical writing by means of a series of short essays.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 297. African American Women in Theatre. 3 Credits.**

This course examines the lives of African American women through theatre, heightening awareness, understanding, and appreciation of theatre as a tool for social change and eradicating stereotypes. Themes and production aesthetics will be explored in their social and historical contexts.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**DRAM 298. African Women in Theatre. 3 Credits.**

This course will examine the lives and the theatrical contributions of African women through published and unpublished materials, production recordings, and interviews. Through understanding the diverse cultures of the continent, theatre is seen as entertainment and as a tool for effecting social change and healing.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**DRAM 300. Directing. 3 Credits.**

Generally limited to majors. An introductory course in the principles of stage directing; analysis for concept, organization of production, and methodology of staging.

**Requisites:** Prerequisite, DRAM 120; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**DRAM 331. Playwriting II. 3 Credits.**

A practical course in writing for the theatre, taught at an advanced level.

**Requisites:** Prerequisite, DRAM 231; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 350. Advanced Acting for the Major. 3 Credits.**

Development of the actor's technique in verse drama with emphasis on scansion and textual analysis as guidelines for actions, characterization, and given circumstances. Scene and monologue work drawn from the works of Shakespeare.

**Requisites:** Prerequisite, DRAM 250; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**DRAM 393. Professional Theatre Laboratory. 1-12 Credits.**

Permission of the department. Individual programs or internship in acting, directing, design, management, and playwriting under the guidance of professional practitioners in conjunction with PlayMakers Repertory Company or other professional theatre organizations.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****DRAM 460. Stage Management. 3 Credits.**

Permission of the department. A study of the basic principles and practices of modern stage management.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 465. Sound Design. 3 Credits.**

The study of general principles of sound design for the theatre. Theory and application of sound design techniques for the stage, including script analysis, staging concepts, special effects, sound plots, and technology.

**Grading status:** Letter grade.

**DRAM 466. Scene Design. 3 Credits.**

Permission of the instructor. General principles of visual design as applied to scenery for the theatre. Instruction in standard techniques of planning and rendering scene design.

**Gen Ed:** VP.

**Grading status:** Letter grade.



**DRAM 467. Costume Design I. 3 Credits.**

Permission of the instructor. Studies and practicum in play analysis and costume design for the theatre. Instruction in techniques of planning and rendering costume design.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 468. Lighting Design I. 3 Credits.**

Permission of the instructor. General principles of lighting design as applied to the performing arts. Theory and instruction in standard techniques of lighting for the stage.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 470. Survey of Costume History. 3 Credits.**

A survey of historic costume forms from ancient Egypt to the present time.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**DRAM 470H. Survey of Costume History. 3 Credits.**

A survey of historic costume forms from ancient Egypt to the present time.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**DRAM 473. Costume Construction I. 1-3 Credits.**

Permission of the instructor. Beginning instruction in pattern making through flat pattern for theatrical costume.

**Grading status:** Letter grade.

**DRAM 474. Costume Construction II. 1-3 Credits.**

Beginning instruction in pattern making through draping on a dress form for theatrical costume.

**Requisites:** Prerequisite, DRAM 473; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**DRAM 475. Costume History: Africa, Asia, and Arabia. 3 Credits.**

A survey of the traditional costume forms on the African Continent, in Asia (China, Japan, India), and on the Arabian Peninsula.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**DRAM 475H. Costume History: Africa, Asia, and Arabia. 3 Credits.**

A survey of the traditional costume forms on the African Continent, in Asia (China, Japan, India), and on the Arabian Peninsula

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**DRAM 480. Period Styles for Production. 3 Credits.**

A study of the historical development of Western minor arts and the ramifications of reproducing them for the theatre. Students may not receive credit for both DRAM 280 and DRAM 480.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**DRAM 484. Studies in Dramaturgy and Criticism. 3 Credits.**

This seminar seeks to introduce students to the principles of arts criticism through study of the work of a variety of different critics, by distinguishing between the nature of criticism and reviewing the arts, and through the students' own practice of critical writing.

**Grading status:** Letter grade.

**DRAM 486. Latin American Theatre. 3 Credits.**

This course explores the historical and aesthetic development of Latin American theatre, focusing on particular factors that distinguish this theatre from the Western European tradition.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**DRAM 488. United States Latino/a Theatre. 3 Credits.**

Investigation of United States Latino/a theatre texts and performance practices as a discreet genre. United States Latino/a theatre will be distinguished from the dominant culture, and the diversity of forms and styles will be discussed.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**DRAM 489. Carnivals and Festivals of the African Diaspora. 3 Credits.**

This course will examine the role of Carnival in the African Diaspora, exploring its history, its many theatrical forms, and its fusion with European and indigenous American cultures. Through examining published and unpublished texts the development of the Carnival will be understood as an expression of freedom and cultural survival.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**DRAM 491. Issues in Arts Management. 3 Credits.**

Arts management issues taught through analysis of case studies. Course includes management theories, organizational structures, and current issues.

**Grading status:** Letter grade.

**DRAM 493. Theatre Management. 3 Credits.**

Practicum in theatre management procedures and business of the theatre involving box office, audience development, research, publicity, operational, and contract procedures in regard to artists, technicians, managers, and producers. Students actively engage in management areas of the PlayMakers Repertory Company and productions of the Department of Dramatic Art.

**Gen Ed:** CI, EE- Academic Internship.

**Grading status:** Letter grade.

**DRAM 566. Advanced Scene Design. 3 Credits.**

Advanced study of the principles and practice of designing scenery for the theatre.

**Requisites:** Prerequisite, DRAM 466; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**DRAM 567. Costume Design II. 3 Credits.**

Permission of the instructor. Practicum in costume design for the theatre, focusing on the requirements of professional theatre production and alternative costume design solutions.

**Requisites:** Prerequisite, DRAM 467.

**Grading status:** Letter grade.

**DRAM 586. Costume Seminars I: Dyeing and Painting. 1-3 Credits.**

Permission of the instructor. Taught in a four-semester rotation. May be repeated for credit for a total of six hours for undergraduates and 12 hours for graduate students. Series of topics in costume for use in design and production for the stage.

**Requisites:** Prerequisite, DRAM 192.

**Grading status:** Letter grade.

**DRAM 587. Costume Seminars II: Millinery and Hair. 1-3 Credits.**

Permission of the instructor. Advanced costume production techniques with an emphasis on millinery and hair design.

**Grading status:** Letter grade.



**DRAM 588. Costume Seminars III: Masks and Armor. 1-3 Credits.**

Permission of the instructor. Advanced costume production techniques with an emphasis on creating masks and armor.

**Grading status:** Letter grade.

**DRAM 589. Costume Seminars IV: Decorative Arts. 1-3 Credits.**

Permission of the instructor. Advanced costume production techniques with an emphasis on decorative arts.

**Grading status:** Letter grade.

**DRAM 590. Advanced Special Topics in Dramatic Art. 0.5-3 Credits.**

The study of a topic in dramaturgy, theatrical design, or theatrical production for advanced undergraduates and graduate students. Content and instructor will vary. May be repeated for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**DRAM 650. Costume Production I: Couture Methods. 0.5-3 Credits.**

Advanced construction techniques in theatrical costuming with an emphasis on couture methods.

**Requisites:** Prerequisite, DRAM 192.

**Grading status:** Letter grade.

**DRAM 666. Media in Performance. 3 Credits.**

Required preparation, one performance studies course above COMM 400. Permission of the instructor for students lacking the required preparation. Project-based class where students acquire skills and critical approaches to create collaborative, professional, multimedia works.

**Gen Ed:** VP, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 666.

**DRAM 667. Costume Design for the Technician. 1-3 Credits.**

Permission of the instructor. Study of costume design for students concentrating in costume production.

**Grading status:** Letter grade.

**DRAM 691H. Honors Project in Dramatic Art. 3 Credits.**

Required preparation, 3.3 cumulative grade point average and permission of the department. The commencement of a special project (essay or creative endeavor), approved by the department, by a student who has been designated a candidate for undergraduate honors.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**DRAM 692H. Honors Project in Dramatic Art. 3 Credits.**

Permission of the department. The completion of a special project by a student who has been designated a candidate for undergraduate honors.

**Requisites:** Prerequisite, DRAM 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**DRAM 697. Senior Seminar. 3 Credits.**

Close study of the interrelationships between theory and practice in contemporary world theatre, placing developments in their cultural contexts, and exploring current theatrical trends in an international framework.

**Grading status:** Letter grade.

## Dramatic Art Major, B.A.

### Contact Information

#### Department of Dramatic Art

Visit Program Website (<http://drama.unc.edu>)

Center for Dramatic Art, CB# 3230

(919) 962-1132

**Adam N. Versényi, Chair**

**David Adamson, Director of Undergraduate Studies**

dramatic\_art@unc.edu

The study of dramatic art focuses upon the great dramatic texts of the classical and modern periods and introduces the student to the variety of artistic endeavors necessary to realize the text in theatrical performance. Majors concentrate on the literature and history of the theatre while investigating the processes involved in acting, directing, design, costume, and technical production.

Courses focus on the connections between theatre and society, between theatrical performance and the visual arts, and between dramatic literature and philosophy, history, and other literary forms. The study of theatre embraces a range of subjects in the humanities and fine arts, including literature, language, aesthetics, culture, and performance.

## Department Programs

### Major

- Dramatic Art Major, B.A. (p. 396)

### Minors

- Dramatic Art Minor (p. 398)

### Graduate Program

- M.F.A. in Dramatic Art (<http://catalog.unc.edu/graduate/schools-departments/dramatic-art>)

## Student Learning Outcomes

Upon completion of the dramatic art program, students should be able to:

- Analyze a play through identification and evaluation of its dramatic structure, character, language, genre, action, and themes
- Demonstrate critical thinking skills and the ability to write cogently about creative, artistic process of theatre, its literature, and its history
- Recognize and comprehend the impact of culture, society, and language on drama
- Demonstrate proficiency in the basic skills of a particular area of dramatic practice (e.g., acting, direction, or design)
- Employ problem-solving skills in various aspects of theatrical production

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 120	Play Analysis <sup>1, H</sup>	3
Three courses in dramatic literature/theatre history/criticism:		
DRAM 281	Theatre History and Literature I	3
DRAM 282	Theatre History and Literature II	3
And the remaining course to be chosen from:		
DRAM 283	Theatre History and Literature III	3
DRAM 284	Studies in Dramatic Theory and Criticism <sup>H</sup>	3
DRAM 285	Modern British Drama <sup>H</sup>	3
DRAM 286	Modern Irish Drama	3
DRAM 287	African American Theatre	3
DRAM 289	Contemporary Irish Drama <sup>H</sup>	3
DRAM 291	Re-Playing Shakespeare in East Asia	3
DRAM 292	Corner of the Sky <sup>®</sup> : The American Musical	3
DRAM 294	Arts Criticism	3
DRAM 297	African American Women in Theatre	3
DRAM 298	African Women in Theatre	3
DRAM 486	Latin American Theatre	3
DRAM 488	United States Latino/a Theatre	3
DRAM 489	Carnivals and Festivals of the African Diaspora	3
Three foundational courses in acting, design, and directing:		
DRAM 150	Beginning Acting for the Major	3
DRAM 277	Introduction to Theatrical Design	3
DRAM 300	Directing	3
One course in technical production or costume production:		
DRAM 191	Technical Methods: Scenery	3
or DRAM 192	Technical Methods: Costume	3
Production Practicum:		
DRAM 193	Production Practicum (with PlayMakers Repertory Company; transfer credit not allowed.) <sup>2</sup>	3
Total Hours		27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students planning to major in dramatic art should complete DRAM 120 preferably during their first year.

<sup>2</sup> This course fulfills the General Education experiential education requirement.

The major provides a broad basis for understanding and appreciating theatre as a cultural entity and as an artistic process. The program also provides opportunities for students to learn and develop basic skills in the various areas of theatre practice. All General Education requirements apply.

Because the College of Arts and Sciences allows a total of 45 credit hours (15 three-hour courses) in a student's major to count toward graduation, as many as six electives can be selected from the range of offerings in the department. Students may choose to concentrate on an area (or areas) of special interest within the major: acting, directing, voice, movement, technical production, design (scenic, costume, sound, and lighting), costume history, costume construction, dramatic literature and

criticism, dramaturgy, stage management, theatre management, and playwriting.

Students majoring in dramatic art cannot pursue the minor in dramatic art.

## Special Opportunities in Dramatic Art Honors in Dramatic Art

In order to receive departmental honors, students must have a 3.3 overall grade point average, a 3.6 grade point average in dramatic art, and complete at least five of the eight core courses in the major by the end of the junior year. Students enroll in DRAM 691H (three hours credit) and DRAM 692H (three hours credit) during their senior year and complete a special project (essay or creative endeavor) approved by the department. A student may then be designated as a candidate for undergraduate honors or highest honors based on department review of the special project or performance.

## Departmental Involvement

Two undergraduate students are elected each year from among the majors to serve as representatives to the faculty. They attend faculty meetings and host events that bring students and faculty together.

## Performance/Production Opportunities

The Department of Dramatic Art's Kenan Theatre Company (KTC), offers many opportunities for interested students — majors and nonmajors alike — to participate in performance and production. Each year the department supports four full productions in the Elizabeth Price Kenan Theatre. Seasons may include classic plays, contemporary plays, musicals, and original works. A faculty and peer-elected board of five undergraduate students acts as producing director for KTC and oversees the department season. Productions are directed by faculty or guest artists. Undergraduate students are involved in the technical components of production as designers, carpenters, painters, electricians, seamstresses, and sound engineers. The KTC producers select an undergraduate prop supervisor, wardrobe supervisor, master electrician, master carpenter, and a technical director for the entire season. Designers are selected on a per show basis and can include undergraduates, graduate students, and faculty members.

## PlayMakers Repertory Company

Several types of student involvement with PlayMakers Repertory Company (PRC, a professional LORT/AEA theatre on campus) are possible. Technical assistance, running crews, internships in administration, and assistant stage management positions are open to undergraduates. Auditions are held during the year for appropriate supporting and understudy roles. PRC engages resident and guest professionals active in regional and commercial theatres as guest actors, directors, and designers. Students have opportunities to associate with and learn from these professionals throughout the year.

## Study Abroad

With more than 300 programs available in 70 countries, there are many international experiences structured to enhance the student's undergraduate career. Major and minor credit is available as well as General Education credit. Departmental approval for theatre courses is arranged with the director of undergraduate studies and is coordinated by the Study Abroad Office.

Specific study abroad opportunities for dramatic art students include, but are not limited to, semester or yearlong exchange programs at Trinity

College Dublin, the National University of Ireland in Galway, the University of Glasgow, and Queens University Belfast. Students can also spend the summer or a semester with programs at the London Academy of Music and Dramatic Art (LAMDA) and the Gaiety School of Acting, Dublin.

Students are also eligible for the Elizabeth Malone Roughton Study Abroad Scholarship, a scholarship awarded to a dramatic art student studying in Ireland for a semester and completing a theatre-related internship as part of the program.

## Undergraduate Awards

Each spring the Department of Dramatic Art awards several monetary prizes to its undergraduate majors (and graduate students) who are continuing into the next academic year. The prizes have been endowed by generous alumni and friends, including Andy Griffith and George Grizzard. In addition, the Sam Selden Prize in Playwriting, the Wes Egan Award in Design, and the Lillian Chason Scholarship are awarded competitively each year.

## Undergraduate Research

Faculty and departmental advisors are available to help students define areas of interest, understand the existing knowledge base in a particular area, and develop a plan for meaningful undergraduate research. These goals can be realized through departmental independent study and honors research. See the director of undergraduate studies and the honors advisor for more information. Additional resources are available through the Office for Undergraduate Research (<http://unc.edu/depts/our>).

# Dramatic Art Minor

## Contact Information

### Department of Dramatic Art

Visit Program Website (<http://drama.unc.edu>)  
Center for Dramatic Art, CB# 3230  
(919) 962-1132

**Adam N. Versényi, Chair**

### David Adamson, Director of Undergraduate Studies

[dramatic\\_art@unc.edu](mailto:dramatic_art@unc.edu)

The study of dramatic art focuses upon the great dramatic texts of the classical and modern periods and introduces the student to the variety of artistic endeavors necessary to realize the text in theatrical performance.

## Department Programs

### Major

- Dramatic Art Major, B.A. (p. 396)

### Minors

- Dramatic Art Minor (p. 398)

### Graduate Program

- M.F.A. in Dramatic Art (<http://catalog.unc.edu/graduate/schools-departments/dramatic-art>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC-Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in dramatic art consists of four courses. Students select four courses from one of the following concentrations:

## Dramaturgy

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 120	Play Analysis <sup>H</sup>	3
Three courses chosen from:		9
DRAM 281	Theatre History and Literature I	
DRAM 282	Theatre History and Literature II	
DRAM 283	Theatre History and Literature III	
DRAM 284	Studies in Dramatic Theory and Criticism <sup>H</sup>	
DRAM 285	Modern British Drama <sup>H</sup>	
DRAM 286	Modern Irish Drama	
DRAM 287	African American Theatre	
DRAM 288	Theatre for Social Change	
DRAM 289	Contemporary Irish Drama <sup>H</sup>	
DRAM 291	Re-Playing Shakespeare in East Asia	
DRAM 292	Corner of the Sky": The American Musical	
DRAM 294	Arts Criticism	
DRAM 297	African American Women in Theatre	
DRAM 298	African Women in Theatre	
DRAM 486	Latin American Theatre	
DRAM 488	United States Latino/a Theatre	
DRAM 489	Carnivals and Festivals of the African Diaspora	
Total Hours		12

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Theatrical Design

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 120	Play Analysis <sup>H</sup>	3
Three courses chosen from:		9
DRAM 265	Stage Makeup	
DRAM 277	Introduction to Theatrical Design	
DRAM 280	Period Styles for the Theatre	
DRAM 465	Sound Design	
DRAM 466	Scene Design	
DRAM 467	Costume Design I	
DRAM 468	Lighting Design I	
DRAM 470	Survey of Costume History <sup>H</sup>	
DRAM 475	Costume History: Africa, Asia, and Arabia <sup>H</sup>	
DRAM 480	Period Styles for Production	
DRAM 566	Advanced Scene Design	

DRAM 567	Costume Design II	
Total Hours		12

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Visit Program Website (<http://comm.unc.edu>)  
115 Bingham Hall, CB# 3285  
(919) 962-2311

**Dana Coen, Director**  
rcoen@unc.edu

**Patricia Parker, Chair**

**Sarah Dempsey, Director of Undergraduate Studies**  
sedempse@email.unc.edu

## Theatrical Production

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 191	Technical Methods: Scenery (related to area of concentration)	3
or DRAM 192	Technical Methods: Costume	
Three courses chosen from:		9
DRAM 193	Production Practicum	
DRAM 277	Introduction to Theatrical Design	
DRAM 460	Stage Management	
DRAM 465	Sound Design	
DRAM 466	Scene Design	
DRAM 467	Costume Design I	
DRAM 468	Lighting Design I	
DRAM 473	Costume Construction I	
DRAM 474	Costume Construction II	
DRAM 567	Costume Design II	
DRAM 650	Costume Production I: Couture Methods	
Total Hours		12

Writing for the screen and stage is an interdisciplinary program drawing upon the faculties and resources of the Department of Communication, the Department of Dramatic Art, and the Creative Writing Program of the Department of English and Comparative Literature. The minor provides students from all disciplines the opportunity to focus on the craft of dramatic writing and is designed for those considering writing careers in theater, film, television, or the Web.

## Department Programs

### Majors

- Communication Studies Major, B.A. (p. 370)
- Interdisciplinary Studies Major, B.A.–Cultural Studies (p. 374)

### Minor

- Writing for the Screen and Stage Minor (p. 375)

### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication>)

## Theatre Management

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 193	Production Practicum (related to area of concentration)	3
DRAM 279	Introduction to Theatre Management	3
DRAM 491	Issues in Arts Management	3
DRAM 493	Theatre Management	3
Students pursuing the theatre management concentration are strongly encouraged to complete a fifth elective course chosen from:		
ECON 101	Introduction to Economics <sup>H</sup>	
BUSI 101	Management Accounting	
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	
BUSI 406	Marketing	
Total Hours		12

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 397) for special opportunities.

## Writing for the Screen and Stage Minor

## Contact Information

Department of Communication

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Candidates must be first-year or sophomore students with a 2.4 grade point average or better to begin the minor and must have taken one of the following prerequisite courses.

Code	Title	Hours
<b>Prerequisite (select one):</b>		
COMM 330	Introduction to Writing for Film and Television <sup>1</sup>	3
DRAM 231	Playwriting I <sup>2</sup>	3
ENGL 130	Introduction to Fiction Writing <sup>3</sup>	3
ENGL 132H	First-Year Honors: Introduction to Fiction Writing <sup>4</sup>	3

<sup>1</sup> Preference given to communication studies majors.

<sup>2</sup> Requires permission from the department.

<sup>3</sup> Open to all students.

<sup>4</sup> Restricted to honor students.

The prerequisite may be waived with the approval of the director of the minor.

An application is required for acceptance; please visit the Writing for Screen and Stage Minor's Web site (<http://comm.unc.edu/undergraduate-studies/writing-for-the-screen-and-stage-minor>) to review this process. Continued participation in the minor is based on the student's work and the recommendation of the program's instructors.

Code	Title	Hours
<b>Core Requirements</b> <sup>1</sup>		
COMM/DRAM 131	Writing for the Screen and Stage <sup>2</sup>	3
COMM 430	History of American Screenwriting	3
COMM 433	Intermediate Screenwriting <sup>2</sup>	3
COMM 537	Master Screenwriting <sup>2</sup>	3
DRAM 120	Play Analysis <sup>H</sup>	3
Total Hours		15

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students must achieve a C grade or better in core requirements.

<sup>2</sup> COMM 131/DRAM 131, COMM 433, and COMM 537 must be taken in consecutive semesters beginning with the first semester of the minor.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following sequence of courses is recommended:

Code	Title	Hours
<b>Junior (or Sophomore) Year Fall Semester</b>		
COMM/DRAM 131	Writing for the Screen and Stage	3
DRAM 120	Play Analysis <sup>H</sup>	3
<b>Junior (or Sophomore) Year Spring Semester</b>		
COMM 430	History of American Screenwriting	3
COMM 433	Intermediate Screenwriting	3
<b>Senior (or Junior) Year Fall Semester</b>		
COMM 537	Master Screenwriting	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

The following courses are recommended but are not required to complete the minor:

Code	Title	Hours
COMM 334	Writing the One-Hour TV Drama	3
COMM 335	Film Story Analysis	3
COMM 535	Introduction to Screen Adaptation	3
DRAM 135	Acting for Nonmajors	3
COMM 390	Special Topics in Communication Study (Writing the Full-Length Play)	3
COMM 390	Special Topics in Communication Study (Visual Storytelling)	3

See the program pages in Communication (p. 373), Dramatic Art (p. 397), and English and Comparative Literature (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.



# DEPARTMENT OF ECONOMICS

## Contact Information

### Department of Economics

Visit Program Website (<http://econ.unc.edu>)

107 Gardner Hall, CB# 3305

(919) 966-2383

### Patrick J. Conway, Chair

[patrick\\_conway@unc.edu](mailto:patrick_conway@unc.edu)

### Rita A. Balaban, Director of Undergraduate Studies

[balabanr@email.unc.edu](mailto:balabanr@email.unc.edu)

### Stephen Lich, Undergraduate Advisor

[swlt@email.unc.edu](mailto:swlt@email.unc.edu)

## Introduction

Economics is commonly defined as the study of how society allocates scarce resources to satisfy unlimited wants. It focuses upon the fact that we wish to maximize our satisfaction through the consumption of goods and services (including leisure time); however, the resources available for production are limited. Hence, decisions must be made regarding what to produce, how to produce it most efficiently, and how to distribute the output among the various members of the society. Economics analyzes the market framework for making such choices.

At the microeconomic or “individual unit” level, economics examines the behavior of consumers, business firms, workers, and individual markets. At the macroeconomic or “aggregate” level, attention is given to the national and international problems of unemployment, inflation, balance of payments, and economic growth.

The courses leading to a B.A. degree with a major in economics comprise a large area of inquiry into the problems and structure of the economic segment of society. The curriculum provides the opportunity to achieve one or more of the following objectives:

- General education for intelligent citizenship with special emphasis on understanding the principles and problems of modern economic life
- Preparation for private employment. In pursuing this objective, supplementary courses in business administration (especially accounting courses) may be selected and integrated with the student’s program.
- Preparation for government employment
- Preparation for graduate programs in economics, business administration, international studies, law, health and hospital administration, city planning, public policy, and other fields
- Specialized undergraduate programs incorporating double majors and interdisciplinary studies

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department’s director of undergraduate studies and undergraduate advisor work with current and prospective majors by appointment. (See contact information above.) Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research

opportunities, the honors program, careers, and graduate schools may be obtained from the department’s Web site.

## Graduate School and Career Opportunities

Economics students in recent years have frequently pursued graduate work in law and business administration, as well as the Ph.D. degree in economics. Others have entered international affairs/international studies programs. Students planning to pursue graduate work in economics should continue to take mathematics courses beyond the required level, and a minor or second major in mathematics is recommended.

Most students have accepted employment with commercial and investment banks, accounting and insurance firms, and a variety of other corporations. The economics major competes well with other majors (including business administration) in the job market. Employment surveys of recent graduates by UNC–Chapel Hill’s University Career Services indicate a relatively high ranking for economics majors in terms of employment rates and starting salaries. Note: Recent majors have found that job possibilities are enhanced if at least one accounting course has been completed at the undergraduate level.

### Major

- Economics Major, B.A. (p. 409)

### Minor

- Entrepreneurship Minor (p. 411)

### Graduate Programs

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics>)

## Professors

Gary A. Biglaiser, Anusha Chari, Patrick J. Conway, Eric Ghysels, Donna B. Gilleskie, Jonathan Hill, David K. Guilkey, Peter R. Hansen, Steven S. Rosefielde, Andrew Yates.

## Associate Professors

Luca Flabbi, Neville Francis, Jane Fruehwirth, Lutz Hendricks, Brian McManus, Peter Norman, William Parke, Sergio Parreiras, Klara Peter, Boone A. Turchi, Jonathan Williams.

## Assistant Professors

Simon Alder, Andrii Babii, Qing Gong, Andrés Hincapié, Ju Hyun Kim, Fei Li, Luca Maini, Toan Phan, Stanislav Rabinovich, Can Tian, Valentin Verdier, Kyle Woodward.

## Adjunct Faculty

James Anton, Peter Cocolanis, Ricardo Colacito, Robert Connolly, Jennifer Conrad, Mariano Massimiliano Croce, Nathan Letts, Gordon Liu, Michael T. Owyang, Billy Pizer, Barry Popkin, Frank Sloan, Sally Stearns, Rachel Willis.

## Teaching Professor

Rita A. Balaban.

## Teaching Associate Professors

Michael Aguilar, Stephen Lich, Michelle Sheran-Andrews, Geetha Vaidyanathan.

## Teaching Assistant Professor

Kalina Staub.

## Professors of the Practice

Bernard Bell, Burton Goldstein.

## Professors Emeriti

John S. Akin, Dennis Appleyard, Arthur Benavie, Stanley W. Black, Ralph Byrns, William A. Darity Jr., Alfred J. Field Jr., Richard T. Froyen, A. Ronald Gallant, Dell B. Johannesen, James L. Murphy, Michael K. Salemi, John Stewart, Helen Tauchen, Vincent Tarascio, Roger Waud, James Wilde, Xiaodong Wu.

## ECON—Economics

ECON 101 or equivalent is a prerequisite to all courses numbered above the 100 level. In addition, University graduation credit will be given for only one course in each of the following sets of courses: ECON 310 and ECON 410, ECON 320 and ECON 420, ECON 320 and ECON 423, ECON 330 and ECON 430, ECON 340 and ECON 440, ECON 345 and ECON 445, ECON 380 and ECON 480.

### Undergraduate-level Courses

#### **ECON 50. First-Year Seminar: Future Shock: Global Economic Trends and Prospects. 3 Credits.**

Are we heading for global depression and an intensification of international conflict as in the 1930s? Or are we on the threshold of a golden age of peace and prosperity? This course will use the tools of economics and international security analysis to examine the probable directions of that change.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **ECON 51. First-Year Seminar: Current Economic Problems: The Economics of North Carolina. 3 Credits.**

Basic concepts of economics through the study of basic economic issues facing the residents of North Carolina. Topics will include hog farming, the Carolina Panthers, the outsourcing of manufacturing jobs, the proliferation of Wal-Marts, and more.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **ECON 52. First-Year Seminar: The Root of All Evil? Money as a Cultural, Economic, and Social Institution. 3 Credits.**

It is amazing that over time people have developed the willingness to exchange valuable goods for useless pieces of paper called money. In this course, students study money as a social, economic, historical, and cultural institution.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **ECON 53. First-Year Seminar: The Costs and Benefits of the Drug War. 3 Credits.**

The basic question examined in this course will be the costs and benefits of the United States policy of drug prohibition. As a seminar the class will consist of discussions and debates.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **ECON 54. First-Year Seminar: The Entrepreneurial Imagination: Turning Ideas into Reality. 3 Credits.**

What are the skills and competencies that great entrepreneurs have in common and how might first-year students begin to acquire such skills? This course will answer the question by combining a study of the writings of leading scholars on innovation and entrepreneurship with analytical case studies on successful entrepreneurs.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **ECON 55. First-Year Seminar: Economics of Sports. 3 Credits.**

This course uses a variety of economic tools to analyze selected topics and issues related to professional, collegiate, and recreational athletics.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

#### **ECON 56. First-Year Seminar: Entrepreneurship: Asia and the West. 3 Credits.**

This course fits the Carolina Entrepreneurial Initiative (CEI), with a communication intensive, global issues framework.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

#### **ECON 57H. First-Year Seminar: Engines of Innovation: the Entrepreneurial University in the 21st Century. 3 Credits.**

Exploring research universities' impact on solving the world's biggest problems. Based on a book coauthored by Buck Goldstein and Chancellor Holden Thorp. Students will work on an entrepreneurial project.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### **ECON 58. First-Year Seminar: History of Financial Crisis, 1637-2013. 3 Credits.**

This first-year seminar course covers the 376-year history of financial crises ending with the great meltdown of 2008. We will study recurring historical patterns of financial bubbles and examine critical differences among them.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

#### **ECON 89. First Year Seminar: Special Topics. 3 Credits.**

This is a special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### **ECON 89H. First-Year Seminar: Special Topics. 3 Credits.**

This is a special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### **ECON 100. Economic Principles. 3 Credits.**

Discussion of economic topics of current interest for students with little or no background in economics.

**Grading status:** Letter grade.

#### **ECON 101. Introduction to Economics. 3 Credits.**

Introduction to fundamental issues in economics including competition, scarcity, opportunity cost, resource allocation, unemployment, inflation, and the determination of prices.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ECON 101H. Introduction to Economics. 3 Credits.**

Introduction to fundamental issues in economics including competition, scarcity, opportunity cost, resource allocation, unemployment, inflation, and the determination of prices.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ECON 125. Introduction to Entrepreneurship. 3 Credits.**

A survey course providing both a theoretical framework and practical examples of what it means to think like an entrepreneur and how such thinking can impact a range of important societal challenges.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ECON 231. Economic History of Western Europe. 3 Credits.**

Main features of the emergence and expansion of capitalism since 1500.

**Grading status:** Letter grade.

**ECON 234. Survey of the History of Economic Thought. 3 Credits.**

Introduction to the development of economic thought from the mercantilists, through Smith and the classicists, Marx, the neoclassicists to Keynes.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**ECON 267. Comparative Economic Systems. 3 Credits.**

A survey of the principles and performance of capitalist, communist, socialist, corporatist, and transitional systems.

**Grading status:** Letter grade.

**ECON 285. Access to Work in America. 3 Credits.**

Focus on systemic and individual factors affecting access to work including gender, race, age, disability, transportation, international competition, technological progress, change in labor markets, educational institutions, and public policy.

**Gen Ed:** SS, CI, EE- Field Work.

**Grading status:** Letter grade

**Same as:** AMST 285.

**ECON 291. Undergraduate Learning Assistant Seminar and Practicum. 1-3 Credits.**

Permission of the instructor. Studies have shown that courses utilizing undergraduate learning assistants have improved quality of instruction, sensitivity to student concerns, and overall student contact. Undergraduate learning assistants also gain an improved knowledge of the subject matter, heightened communication skills, and a sense of membership in the academic community.

**Repeat rules:** May be repeated for credit. 12 total credits. 10 total completions.

**Grading status:** Letter grade.

**ECON 293. Internship. 3 Credits.**

Permission of the director of undergraduate studies. Majors only. A supervised internship appropriate for experiential education in economics. Cannot count toward the economics major. Pass/Fail only.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Pass/Fail.

**ECON 310. Microeconomics: Theory and Applications. 3 Credits.**

Analysis of the ways in which consumers and business firms interact in a market economy. Students may not receive credit for both ECON 310 and 410.

**Grading status:** Letter grade

**Same as:** MNGT 310.

**ECON 320. Macroeconomics: Theory and Policy. 3 Credits.**

Analysis of economic theory and government policy as they relate to such national economic variables as output, income, employment, inflation, investment, and budget and trade deficits. Students may not receive credit for both ECON 320 and 420 or both ECON 320 and 423.

**Grading status:** Letter grade.

**ECON 325. Entrepreneurship: Principles and Practice. 3 Credits.**

A historical overview of the role and importance of entrepreneurship in the economy and society, and a survey of the critical competencies all entrepreneurs (commercial, social, or artistic) must possess.

**Requisites:** Prerequisites, ECON 101 and ECON 125; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ECON 325H. Entrepreneurship: Principles and Practice. 3 Credits.**

A historical overview of the role and importance of entrepreneurship in the economy and society, and a survey of the critical competencies all entrepreneurs (commercial, social, or artistic) must possess.

**Requisites:** Prerequisites, ECON 101 and ECON 125; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ECON 326. Social Ventures. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.

**Grading status:** Letter grade

**Same as:** PLCY 326, PLAN 326.

**ECON 326H. Social Ventures. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.

**Grading status:** Letter grade

**Same as:** PLCY 326H, PLAN 326H.

**ECON 327. Business Venturing Workshop. 3 Credits.**

A comprehensive survey of commercial venturing throughout the lifecycle of a venture from initial conception to execution and exit. Outlines strategies of entrepreneurs to develop ventures in different commercial markets.

**Requisites:** Prerequisite, ECON 325 or PLCY 327; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**ECON 327H. Business Venturing Workshop. 3 Credits.**

A comprehensive survey of commercial venturing throughout the lifecycle of a venture from initial conception to execution and exit. Outlines strategies of entrepreneurs to develop ventures in different commercial markets.

**Requisites:** Prerequisite, ECON 325 or PLCY 327; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**ECON 328. Arts Entrepreneurship. 3 Credits.**

The goal of this course is to build upon the teachings of ECON 125 and ECON 325 by conceptualizing, writing, preparing, and presenting formal business plans for entrepreneurial ventures in the arts. We will examine the challenges and changing nature of entrepreneurship and innovation as they relate to the arts with a goal to provide business world examples of such challenges.

**Requisites:** Prerequisites, ECON 101, 125, and 325.

**Grading status:** Letter grade.

**ECON 330. Economic History of the United States. 3 Credits.**

Main features of the American economy: colonial times to the present. Students may not receive credit for both ECON 330 and ECON 430.

**Grading status:** Letter grade

**Same as:** MNGT 330.

**ECON 340. Introduction to Public Finance. 3 Credits.**

Principles and practices of the budgetary activities of American governments, federal, state, and local. Students may not receive credit for both ECON 340 and ECON 440.

**Grading status:** Letter grade.

**ECON 345. Public Policy Toward Business. 3 Credits.**

Industry structure and its relation to performance; market imperfections; description and analysis of antitrust and regulation. Students may not receive credit for both ECON 345 and ECON 445.

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading status:** Letter grade

**Same as:** MNGT 345.

**ECON 360. Survey of International and Development Economics. 3 Credits.**

An introduction to basic economic concepts critical to understanding issues of economic development and international economics, particularly as they relate to contemporary policy issues facing both developing and industrialized countries.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ECON 360H. Survey of International and Development Economics. 3 Credits.**

An introduction to basic economic concepts critical to understanding issues of economic development and international economics, particularly as they relate to contemporary policy issues facing both developing and industrialized countries.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ECON 363. International Economics from the Participant's Perspective. 3 Credits.**

This course examines the fundamental principles of international economics from the perspective of the private business firm. Rather than begin with abstract theory, the course will work with case studies of individual firms as they choose to (or are forced to) compete in an international marketplace.

**Requisites:** Prerequisite, ECON 360; Permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ECON 380. The Economics of Labor Relations. 3 Credits.**

An economic analysis of workplace issues, including worker quits, layoffs and unemployment, discrimination and affirmative action, and the setting of pay, fringe benefits, and working conditions. Students may not receive credit for both ECON 380 and ECON 480.

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading status:** Letter grade

**Same as:** MNGT 380.

**ECON 384. Introduction to Philosophy, Politics, and Economics. 3 Credits.**

One course in economics strongly recommended. This interdisciplinary gateway course provides an introduction to subjects and quantitative techniques used to analyze problems in philosophy, political science, and economics.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHIL 384, POLI 384.

**ECON 390. Special Topics. 1-3 Credits.**

Topic varies from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ECON 393. Practicum in Entrepreneurship. 3-6 Credits.**

Students spend a minimum of eight weeks in an entrepreneurial environment taking on significant responsibilities and working on a specific project that results in a rigorous agreed-upon deliverable.

**Requisites:** Prerequisite, ECON 327 or PLCY 327.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**ECON 393H. Practicum in Entrepreneurship. 3-6 Credits.**

Students spend a minimum of eight weeks in an entrepreneurial environment taking on significant responsibilities and working on a specific project that results in a rigorous agreed-upon deliverable.

**Requisites:** Prerequisite, ECON 327 or PLCY 327.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**ECON 395. Research Course. 1-3 Credits.**

Topic varies from semester to semester.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ECON 396. Independent Study. 1-3 Credits.**

Permission of the director of undergraduate studies. Readings and research under the supervision of a member of the department.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ECON 400. Introduction to Statistics and Econometrics. 3 Credits.**

Comprehensive introduction to statistics, including descriptive statistics and statistical graphics, probability theory, distributions, parameter estimation, hypothesis testing, simple and multiple regression, and use of powerful statistical estimation software. This course includes a substantial introduction to basic econometrics.

**Requisites:** Prerequisites, ECON 101, STOR 155, and one of MATH 152, 231, STOR 112, or 113.

**Gen Ed:** QI.

**Grading status:** Letter grade.



**ECON 400H. Introduction to Statistics and Econometrics. 3 Credits.**

Comprehensive introduction to statistics, including descriptive statistics and statistical graphics, probability theory, distributions, parameter estimation, hypothesis testing, simple and multiple regression, and use of powerful statistical estimation software. This course includes a substantial introduction to basic econometrics.

**Requisites:** Prerequisites, ECON 101, STOR 155, and one of MATH 152, 231, STOR 112, or 113.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**ECON 410. Intermediate Theory: Price and Distribution. 3 Credits.**

The determination of prices and the distribution of income in a market system. Students may not receive credit for both ECON 310 and 410.

**Requisites:** Prerequisites, ECON 101, and one of MATH 152, 231, STOR 112, or 113.

**Grading status:** Letter grade.

**ECON 410H. Intermediate Theory: Price and Distribution. 3 Credits.**

The determination of prices and the distribution of income in a market system. Students may not receive credit for both ECON 310 and 410.

**Requisites:** Prerequisite, MATH 231 or STOR 113.

**Grading status:** Letter grade.

**ECON 411. Game Theory. 3 Credits.**

Game theory is the study of strategic interactions, where the best choice for the individual depends directly on what other individuals are doing. This course formalizes strategic interactions as mathematical games. Students examine the concept of a strategy, examine what it means to be rational or irrational, and define solution concepts that correspond to different assumptions.

**Requisites:** Prerequisite, ECON 410 with a grade of C or better; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**ECON 420. Intermediate Theory: Money, Income, and Employment. 3 Credits.**

An introduction to contemporary macroeconomic concepts and analysis. Topics include the level, fluctuations, and growth of national income, and monetary and fiscal policies designed to achieve economic goals. Students may not receive credit for both ECON 320 and ECON 420.

**Requisites:** Prerequisite, ECON 410 with a grade of C or better.

**Grading status:** Letter grade.

**ECON 420H. Intermediate Theory: Money, Income, and Employment. 3 Credits.**

An introduction to contemporary macroeconomic concepts and analysis. Topics include the level, fluctuations, and growth of national income, and monetary and fiscal policies designed to achieve economic goals. Students may not receive credit for both ECON 320 and ECON 420.

**Requisites:** Prerequisite, ECON 410 with a grade of C or better.

**Grading status:** Letter grade.

**ECON 423. Financial Markets and Economic Fluctuations. 3 Credits.**

An examination of financial institutions and markets, their role in economic conditions, and the use of macroeconomic policies in affecting those conditions. Students may not receive credit for both ECON 320 and ECON 423.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 423H. Financial Markets and Economic Fluctuations. 3 Credits.**

An examination of financial institutions and markets, their role in economic conditions, and the use of macroeconomic policies in affecting those conditions. Students may not receive credit for both ECON 320 and ECON 423.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 425. Financial Economics. 3 Credits.**

How does a risk averse individual allocate their funds? Students begin by defining and measuring risk, making connection to their microeconomics training. They then develop and use asset pricing models to explore the interplay between risk and return. Finally, students use these tools to develop a mean-variance optimal portfolio allocation. Students are introduced to basic quantitative tools and participate in myriad practical applications.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 430. Economic Development of the United States. 3 Credits.**

This course parallels ECON 330 but is designed for students with a higher level of theoretical preparation. Students may not receive credit for both ECON 330 and ECON 430.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 434. History of Economic Doctrines. 3 Credits.**

A survey of the fundamental forms of economic thought from the scholastics through Keynes.

**Requisites:** Prerequisites, ECON 101, 400, and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ECON 440. Analysis of Public Finance. 3 Credits.**

Application of economic analysis to the taxing and spending functions of government. Students may not receive credit for both ECON 340 and ECON 440.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 445. Industrial Organization. 3 Credits.**

The course covers the causes and consequences of firms' strategic behavior, focusing on situations in which firms have market power. The main analytical tools are microeconomic theory and game theory. Topics covered include: pricing, product design, imperfect competition, collusion and cartels, firm-to-firm supply relationships, mergers, and antitrust policy. Students may not receive credit for both ECON 345 and 445.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 450. Health Economics: Problems and Policy. 3 Credits.**

Economic analysis applied to problems and public policy in health care.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.



**ECON 454. Economics of Population. 3 Credits.**

Analysis of economic-demographic interrelations including demographic analysis, population and economic growth and development, economic models of fertility and migration, and population policy.

**Requisites:** Prerequisites, ECON 400 and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ECON 455. Environmental Economic Theory. 3 Credits.**

A rigorous economic analysis of environmental issues, with particular emphasis on the problem of designing appropriate institutions and regulations under private information and the interaction between economic and ecological systems. Topics include emission fees and marketable permits, pollution models, carbon regulation, and ecosystem service markets.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 460. International Economics. 3 Credits.**

An introduction to international trade, the balance of payments, and related issues of foreign economic policy.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade

**Same as:** EURO 460, PWAD 460.

**ECON 461. European Economic Integration. 3 Credits.**

Economic and political aspects of European economic integration, the EC customs union, barriers to integration, convergence vs. divergence of inflation rates and income levels, enlargement of the EC.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better is required in ECON 400 and 410; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ECON 465. Economic Development. 3 Credits.**

An introduction to the economic characteristics and problems of the less developed countries and to the theories and policies applicable to the developing economy.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ECON 468. Principles of Soviet and Post-Soviet Economic Systems. 3 Credits.**

Study of the principles, design, organization, and performance of state-controlled economies relying on planning or regulated markets, with an emphasis on continuity and post-communist transition.

**Requisites:** Prerequisites, ECON 400, and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required.

**Grading status:** Letter grade.

**ECON 469. Asian Economic Systems. 3 Credits.**

This course provides an in-depth examination of the behavioral principles and performances of five core Asian economic systems: Japan, China, Taiwan/South Korea, North Korea and Thailand.

**Requisites:** Prerequisites, ECON 400, and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required.

**Grading status:** Letter grade

**Same as:** ASIA 469.

**ECON 470. Econometrics. 3 Credits.**

Econometrics is the application of statistical methods and economic theory to the problem of identifying, estimating, and testing economic models. This course covers concepts and methods used in empirical economic research. Students will learn how to conduct and how to critique empirical studies in economics.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**ECON 470H. Econometrics. 3 Credits.**

Econometrics is the application of statistical methods and economic theory to the problem of identifying, estimating, and testing economic models. This course covers concepts and methods used in empirical economic research. Students will learn how to conduct and how to critique empirical studies in economics.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**ECON 480. Labor Economics. 3 Credits.**

An introduction to the field of labor economics with emphasis on how the interactions between firms and workers influence wages, employment, unemployment, and inflation. Students may not receive credit for both ECON 380 and ECON 480.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 485. Economics of Sports. 3 Credits.**

Applies microeconomic techniques to professional and amateur sports through the examination of real-world issues and problems. Employs statistical analysis to test some of the theoretical predictions of the models in the sports literature.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**ECON 486. Gender and Economics. 3 Credits.**

This course uses basic microeconomic theory and recent empirical studies to examine the causes and consequences of gender differences in economic outcomes. Topics covered may include family formation and dissolution, fertility decisions, human capital investment, labor force participation, the gender earnings gap, and occupational choice.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**ECON 490. Special Topics. 1-3 Credits.**

Topic varies from semester to semester.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ECON 493. Practicum in Quantitative Financial Economics. 1 Credit.**

This practicum provides students the opportunity to implement and test the models being developed in ECON 525. Students will work with multiple data sources and programming platforms, and engage in a series of practical experiments using live market information.

**Requisites:** Prerequisites, ECON 400, 410, and 425; a grade of C or better in ECON 400 and 410 is required; corequisite, ECON 525.

**Grading status:** Letter grade.

**ECON 495. Research Course. 1-3 Credits.**

Topic varies from semester to semester. Permission of the instructor.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ECON 496. Independent Study. 1-3 Credits.**

Permission of the director of undergraduate studies. Readings and research under the supervision of a member of the department.

**Requisites:** Prerequisite, ECON 410; a grade of C or better in ECON 410 is required.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ECON 510. Advanced Microeconomic Theory. 3 Credits.**

A treatment of topics in microeconomic theory not normally covered in ECON 410.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 510H. Advanced Microeconomic Theory. 3 Credits.**

A treatment of topics in microeconomic theory not normally covered in ECON 410.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 511. Advanced Game Theory in Economics. 3 Credits.**

Topics in noncooperative and cooperative game theory are covered, along with a selection of applications to economics in areas such as industrial organization, international trade, public finance, and general equilibrium.

**Requisites:** Prerequisites, ECON 400, 410, and MATH 233; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ECON 511H. Advanced Game Theory in Economics. 3 Credits.**

Topics in noncooperative and cooperative game theory are covered, along with a selection of applications to economics in areas such as industrial organization, international trade, public finance, and general equilibrium.

**Requisites:** Prerequisites, ECON 400, 410, and MATH 233; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ECON 520. Advanced Macroeconomic Theory. 3 Credits.**

This course will emphasize theoretical and empirical topics such as growth, labor search, Phillips curves, stagflation, and optimal government policy.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 520H. Advanced Macroeconomic Theory. 3 Credits.**

This course will emphasize theoretical and empirical topics such as growth, labor search, Phillips curves, stagflation, and optimal government policy.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 525. Advanced Financial Economics. 3 Credits.**

Building upon the foundation developed in ECON 425, students take part in each of the five steps of the asset allocation process (explore, explain, predict, allocate, and protect) by addressing the following questions. How does the modern financial economist acquire, clean, and transform data? What drives asset returns? Can we forecast returns? How do we form a portfolio in the presence of risk? How do we assess and manage risk?

**Requisites:** Prerequisites, ECON 400, 410, and 425; a grade of C or better in ECON 400 and 410 is required; corequisite, ECON 493.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 540. Advanced Public Finance. 3 Credits.**

Selected topics in taxation, public expenditures, and governmental transfer programs.

**Requisites:** Prerequisites, ECON 400, 410, and 340 or 440; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 545. Advanced Industrial Organization and Social Control. 3 Credits.**

Theory of market failure and its relationship to antitrust and regulatory policy; exploration of empirical literature of industrial organization; current issues in social control.

**Requisites:** Prerequisites, ECON 400, 410, and 445; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 550. Health Economics. 3 Credits.**

Course will equip students with tools used by economists to navigate health-related markets. Topics include the demand for and production of health, the demand for and supply of medical care, and the demand for and supply of health insurance.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** SS, EE- Mentored Research, QI.

**Grading status:** Letter grade.

**ECON 551. Economics of Education. 3 Credits.**

This course will apply and build on existing economic theory and econometric skills to study education policy. Topics include education production, teacher quality, and investment in education, with a particular emphasis on recent policies aimed at reducing inequality. Students will learn how to conduct and how to critique empirical studies in economics of education.

**Requisites:** Prerequisites, ECON 400 and 410; Co-requisite, ECON 470 or 570, or permission of instructor.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 560. Advanced International Economics. 3 Credits.**

Analysis and interpretation of selected problems and policy issues. Content varies, but attention is given to such topics as trade barriers, trade patterns, floating exchange rates, and international monetary policy.

**Requisites:** Prerequisites, ECON 400, 410, and 460; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** SS, EE- Mentored Research, GL.

**Grading status:** Letter grade.

**ECON 570. Applied Econometric Analysis. 3 Credits.**

Statistical methods in the construction, estimation, testing, and application of linear economic models; computer programs and interpretation of their output in empirical analysis of common economic theories.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** SS, EE- Mentored Research, QI.

**Grading status:** Letter grade.

**ECON 570H. Applied Econometric Analysis. 3 Credits.**

Statistical methods in the construction, estimation, testing, and application of linear economic models; computer programs and interpretation of their output in empirical analysis of common economic theories.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Gen Ed:** SS, EE- Mentored Research, QI.

**Grading status:** Letter grade.

**ECON 571. Advanced Econometrics. 3 Credits.**

Econometric models and inference methods for program evaluation. Topics include self-selection models, heterogeneous treatment effect models, differences-in-differences methods, and regression discontinuity designs.

**Requisites:** Prerequisites, ECON 400, 410, and ECON 470 or 570; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 575. Applied Time Series Analysis and Forecasting. 3 Credits.**

Econometric techniques for time series data. Topics include ARMA models, forecasting, nonstationarity, conditional heteroskedasticity, and multiple equation models.

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**ECON 580. Advanced Labor Economics. 3 Credits.**

A theoretical and empirical analysis of current social problems involving individuals and their jobs. Included are such topics as poverty, discrimination, and working conditions.

**Requisites:** Prerequisites, ECON 400, 410, and 480; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade.

**ECON 586. Economics of the Family. 3 Credits.**

Analyzes the family with respect to the marriage market; divorce; reproductive behavior; the baby black market; intra-family allocation of goods, time, and power; labor supply; migration; and family policy.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ECON 590. Special Topics. 1-3 Credits.**

Topic varies from semester to semester.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ECON 595. Research Course. 1-3 Credits.**

Topic varies from semester to semester.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ECON 596. Independent Study. 1-3 Credits.**

Permission of the director of undergraduate studies. Readings and research under the supervision of a member of the department.

**Requisites:** Prerequisite, ECON 410; a grade of C or better in ECON 410 is required.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ECON 691H. Honors Course. 3 Credits.**

Permission of the instructor. Readings in economics and beginning of directed research on an honors thesis. Required of all candidates for graduation with honors in economics.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 692H. Honors Course. 3 Credits.**

Permission of the instructor. Completion of an honors thesis under the direction of a member of the faculty. Required of all candidates for graduation with honors in economics.

**Requisites:** Prerequisite, ECON 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ECON 698. Philosophy, Politics, and Economics: Capstone Course. 3 Credits.**

Permission of the department. This capstone course advances PHIL 384, focusing on such theoretical and philosophical issues as the analysis of rights or distributive justice and the institutional implications of moral forms.

**Requisites:** Prerequisite, PHIL 384.

**Grading status:** Letter grade

**Same as:** PHIL 698, POLI 698.

# Economics Major, B.A.

## Contact Information

### Department of Economics

Visit Program Website (<http://econ.unc.edu>)

107 Gardner Hall, CB# 3305

(919) 966-2383

### Patrick J. Conway, Chair

[patrick\\_conway@unc.edu](mailto:patrick_conway@unc.edu)

### Rita A. Balaban, Director of Undergraduate Studies

[balabanr@email.unc.edu](mailto:balabanr@email.unc.edu)

### Stephen Lich, Undergraduate Advisor

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The courses leading to a B.A. degree with a major in economics comprise a large area of inquiry into the problems and structure of the economic segment of society. The curriculum provides the opportunity to achieve one or more of the following objectives:

- General education for intelligent citizenship with special emphasis on understanding the principles and problems of modern economic life
- Preparation for private employment. In pursuing this objective, supplementary courses in business administration (especially accounting courses) may be selected and integrated with the student's program.
- Preparation for government employment
- Preparation for graduate programs in economics, business administration, international studies, law, health and hospital administration, city planning, public policy, and other fields
- Specialized undergraduate programs incorporating double majors and interdisciplinary studies

## Department Programs

### Major

- Economics Major, B.A. (p. 409)

### Minor

- Entrepreneurship Minor (p. 411)

### Graduate Programs

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics>)

## Student Learning Outcomes

Upon completion of the economics program, students should be able to:

- Define common economic concepts
- Apply these concepts to understand and analyze observed economic phenomena
- Demonstrate the ability to use empirical and econometric methods in economic analysis

- Evaluate the impact of economic phenomena on welfare and standard of living

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
ECON 101	Introduction to Economics (with a grade of C or better) <sup>H</sup>	3
<b>Core Requirements</b>		
ECON 400	Introduction to Statistics and Econometrics (with a grade of C or better) <sup>H</sup>	3
ECON 410	Intermediate Theory: Price and Distribution (with a grade of C or better) <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
Four ECON courses at the 400, 500, or 600 level, with at least one course above the 400 level. <sup>1</sup>		12
<b>Additional Requirements</b>		
STOR 155	Introduction to Data Models and Inference (prerequisite for ECON 400)	3
One calculus course chosen from: <sup>2</sup>		3
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
STOR 112	Decision Models for Business	
STOR 113	Decision Models for Business and Economics	
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Note that 200- and 300-level courses do not count toward the major. ECON 698 will count for 400-level credit only if ECON 384 has been taken; ECON 698 alone will not count toward the major in economics.

<sup>2</sup> The calculus course is a prerequisite for both ECON 400 and ECON 410, and ECON 400 and ECON 410 are both prerequisites for economics courses numbered above 420.

A grade of C or better must be attained in at least six of the seven major courses numbered above ECON 101. For majors in the department's honors program, the minimum is eight economics courses rather than seven courses in addition to ECON 101. The same provisions apply, except that ECON 691H and ECON 692H must constitute two of the eight courses.

Note: STOR 113 is recommended for most economics majors. MATH 231 is recommended for students who plan to take the calculus sequence (MATH 231, MATH 232, and MATH 233). MATH 116 is not acceptable.

An economics major may apply as many as 15 economics courses, or 45 hours, toward the B.A. degree. ECON 101 will satisfy the social and behavioral sciences Approaches requirement, and the calculus course will satisfy the quantitative reasoning Foundations requirement. Both ECON 400 and ECON 570 satisfy the quantitative intensive Connections requirement. The Experiential Education requirement can be fulfilled by taking any one of the following 500-level electives: ECON 510, ECON 525, ECON 545, ECON 550, ECON 551, ECON 560, or ECON 570.

Economics (ECON) course descriptions (p. 402).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan 1

Course	Title	Hours
<b>First Year</b>		
MATH 231 or STOR 113 or MATH 152	Calculus of Functions of One Variable I <sup>H</sup> or Decision Models for Business and Economics or Calculus for Business and Social Sciences	4
STOR 155	Introduction to Data Models and Inference	3
ECON 101	Introduction to Economics <sup>H</sup>	3
Hours		10
<b>Sophomore Year</b>		
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
Hours		9
<b>Junior Year</b>		
ECON 4--	Two 400-level ECON electives	6
Hours		6
<b>Senior Year</b>		
ECON 4--	One 400-level ECON elective	3
ECON 5--	One 500-level ECON elective	3
Hours		6
Total Hours		31

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan 2 (Honors Thesis Track)

Course	Title	Hours
<b>First Year</b>		
MATH 231 or STOR 113 or MATH 152	Calculus of Functions of One Variable I <sup>H</sup> or Decision Models for Business and Economics or Calculus for Business and Social Sciences	4
STOR 155	Introduction to Data Models and Inference	3
ECON 101	Introduction to Economics <sup>H</sup>	3
Hours		10
<b>Sophomore Year</b>		
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
Hours		9
<b>Junior Year</b>		
ECON 4--	Two 400-level ECON electives	6
ECON 470	Econometrics <sup>H</sup>	3
Hours		9
<b>Senior Year</b>		
ECON 691H	Honors Course	3
ECON 692H	Honors Course	3
Hours		6
Total Hours		34

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan 3 (Quantitative Track)

The quantitative track highlights research skills of value to students considering careers involving data analysis. It also provides some background valuable in pursuing advanced degrees. (Students contemplating applying to doctoral programs should discuss with the department's director of graduate studies the advanced mathematics courses expected by such programs.)

Code	Title	Hours
<b>First and Second Year</b>		
MATH 231 or STOR 113 or MATH 152	Calculus of Functions of One Variable I <sup>H</sup> Decision Models for Business and Economics Calculus for Business and Social Sciences	4
STOR 155	Introduction to Data Models and Inference	3
ECON 101	Introduction to Economics <sup>H</sup>	3
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
<b>Second or Third Year</b>		
ECON 470	Econometrics <sup>H</sup>	3
<b>Third and Fourth Year</b>		
	Select one of the following two options:	3



A 500-level course that builds on the material in ECON 470:

ECON 551	Economics of Education
ECON 571	Advanced Econometrics
ECON 590	Special Topics

A 500-level course that uses more advanced mathematics:

ECON 511	Advanced Game Theory in Economics <sup>H</sup>
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Two additional electives among 400- and 500-level ECON courses 6

Total Hours 31

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Economics

### National University of Singapore Joint Degree Program

UNC–Chapel Hill undergraduates can spend between two and four semesters at the National University of Singapore (NUS) and receive a joint bachelor of arts degree with a major in economics from both institutions. Qualified UNC–Chapel Hill students will have at least a 3.3 grade point average and can apply for the joint degree beginning in the second semester of their first year until the second semester of their junior year. UNC joint-degree students can decide how many semesters (between two and four) and at which point in their undergraduate career they would like to study at NUS, as long as it is after their first year at Carolina.

A minimum of 120 credit hours is required for graduation. They consist of a total of 60 hours in the major (including as many as six to 12 hours of honors work if applicable) and 45 hours of General Education requirements. The remaining 15 hours consist of electives, the Supplemental General Education requirement, and possibly one minor. All General Education and graduation requirements of both UNC–Chapel Hill and NUS must be met. A detailed listing of the requirements for both schools and how to satisfy those requirements is available at the UNC Study Abroad Office.

### Honors in Economics

The Department of Economics honors program offers outstanding economics students the opportunity to work closely with an individual faculty member on a specialized research topic of the student's choice during the senior year. Generally, students with a 3.5 grade point average in economics courses and 3.3 in all University coursework may be invited to participate in this two-course program (ECON 691H and ECON 692H).

In the first semester (ECON 691H), students become familiar with the recent literature on topics of major interest. Each candidate formulates an honors thesis proposal and initiates work on the project. In ECON 692H, the thesis work is conducted under the supervision of a faculty advisor who is a specialist in the general topic area of the research.

Near the end of the second semester (ECON 692H), the student stands for an oral examination on the thesis. Upon successful completion of the program, the student receives the bachelor of arts degree with honors or with highest honors. Students in the honors program are also required to complete at least an eight-course major rather than the minimum seven courses, including ECON 691H and ECON 692H.

## Credential in Quantitative Financial Economics (QFE)

The QFE credential provides students with both the theoretical knowledge of financial markets and the practical experience of financial-market transactions. This combination of classroom study and practical application leads to a more detailed and profound understanding of the economics of financial markets.

The QFE credential also introduces students to the tools and skills necessary to be effective financial-market participants in their post-graduate lives. Students acquire a familiarity with the general workings of the financial market and its connections to the real economy. They also acquire fluency in asset pricing and portfolio allocation, with a special emphasis on the quantitative tools necessary for estimation, testing, and optimization. Students are exposed to advanced quantitative tools such as Matlab, structured data storage, computational clusters, and API's for real-time data extraction.

Code	Title	Hours
<b>To earn the credential a student must complete three courses:</b>		
ECON 425	Financial Economics	3
ECON 493	Practicum in Quantitative Financial Economics	1
ECON 525	Advanced Financial Economics	3
Total Hours		7

## Departmental Involvement

Undergraduates in economics have organized an active club, the Carolina Economics Club. Seminars, social activities, and greater interaction among students and with faculty have resulted from the formation of this on-going organization. The Club also has helped the Department of Economics conduct an annual job fair. All majors are invited to participate in this organization's activities. In addition, the local chapter of Omicron Delta Epsilon, the national economics honor society, annually extends membership to those outstanding junior and senior economics majors who have demonstrated strong academic performance both overall and in their economics courses.

## Undergraduate Awards

Each spring the Chancellor awards the Undergraduate Prize in Economics to the undergraduate student majoring in economics who has been judged the most outstanding on the basis of major and related course performances.

## Entrepreneurship Minor

### Contact Information

#### Department of Economics

Visit Program Website (<http://econ.unc.edu>)  
107 Gardner Hall, CB# 3305  
(919) 966-2383

**Patrick J. Conway, Chair**  
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**Rita A. Balaban, Director of Undergraduate Studies**  
balabanr@email.unc.edu

**Stephen Lich, Undergraduate Advisor**  
swlt@email.unc.edu

This minor is designed for students who wish to remain in another discipline but who have an interest in the process of entrepreneurship.

Entrepreneurship is the mechanism by which new products, services, and organizational processes are identified, refined, and ultimately realized as a sustainable part of the society. There is a common process for realizing all types of ventures. The minor will provide the student with the background to undertake entrepreneurial activity in either the business or social realm. The venture workshop course requirement allows students to select an area of focus, including commercial, scientific, social, artistic, sport, public health, media, computer science, and social ventures. An internship opportunity is a key component of the minor.

## Department Programs

### Major

- Economics Major, B.A. (p. 409)

### Minor

- Entrepreneurship Minor (p. 411)

### Graduate Programs

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics>)

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
ECON 101	Introduction to Economics (with a grade of C or better) <sup>H</sup>	3
ECON 125	Introduction to Entrepreneurship	3
ECON 325	Entrepreneurship: Principles and Practice <sup>1, 2, H</sup>	3
or PLCY 327	Introduction to Entrepreneurship	
One track course:		3
BUSI 590	Business Seminar (changed from EXSS 328) <sup>4, H</sup>	
COMP 390	Computer Science Elective Topics (computer science track) <sup>4</sup>	
ECON 327	Business Venturing Workshop (sections in commercial, arts, science, and media.) <sup>1, 3, H</sup>	
EXSS 328	Sport Business Venture	
MEJO 490	Special Topics in Mass Communication (design track) <sup>4, H</sup>	
PLCY 326	Social Ventures <sup>H</sup>	
SPHG 780	Public Health Entrepreneurship	
Capstone course:		
ECON 393	Practicum in Entrepreneurship <sup>1, H</sup>	3
Total Hours		15

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> ECON 325, ECON 327, and ECON 393 cannot be counted toward an economics major.

<sup>2</sup> Typically, ECON 325 is only offered in the fall.

<sup>3</sup> Typically, ECON 327 is only offered in the spring.

<sup>4</sup> With approval, based on topic.

For more information, visit the Minor in Entrepreneurship Web site (<http://www.unceminor.org>).

# DEPARTMENT OF ENGLISH AND COMPARATIVE LITERATURE

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## Contact Information

### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

**Mary Floyd-Wilson, Chair**

**Hilary Lithgow, Lecturer-Advisor**

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**Jennifer Larson, Director of Undergraduate Studies**

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## Introduction

The Department of English and Comparative Literature is a vibrant and diverse department with a global reach. Our course offerings present a diversity of approaches to the study, production, and appreciation of literary and nonliterary texts. We pursue a four-fold mission to

1. explore the history and significance of American, British, and world literatures;
2. promote interdisciplinary connections and incorporate the study of culture, theory, and history into our research and courses;
3. offer training in rigorous thinking, precise analysis, and critical reading; and
4. foster practical skills in rhetoric, composition, and expression in essays, creative pieces, even emerging forms of digital media.

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Professors

Daniel Anderson, William L. Andrews, Christopher M. Armitage, David J. Baker, A. Reid Barbour, James W. Coleman, Marsha Collins, Jane M.

Danielewicz, María DeGuzmán, Florence Dore, Eric S. Downing, Rosa Palmer Durban, Connie C. Eble, Mary Floyd-Wilson, Marianne Gingham, Philip Gura, Jennifer Ho, Jordynn Jack, Randall Kenan, Clayton Koelb, Laurie Langbauer, Megan Matchinske, Michael A. McFee, John P. McGowan, Jeanne Moskal, Patrick P. O'Neill, Alan R. Shapiro, Bland Simpson, Beverly W. Taylor, Todd Taylor, James Thompson, Joseph S. Viscomi, Daniel Wallace, Jessica Wolfe.

## Associate Professors

GerShun Avilez, Inger S.B. Brodey, Gabrielle Calvocoressi, Pamela Cooper, Tyler Curtain, Rebecka Rutledge Fisher, Gregory Flaxman, Stephanie Elizondo Griest, Laura Halperin, Meta Jones, Ritchie D. Kendall, Heidi Kim, Theodore H. Leinbaugh, Shayne Legassie, Thomas J. Reinert, Eliza Richards, Matthew Taylor, Jane F. Thrailkill, Rick Warner.

## Assistant Professors

Danielle Christmas, Taylor Cowdery, Helen Cushman, Candace Epps-Robertson, Kimberly Stern.

## Teaching Professors

Brad Hammer, Susan Irons, Margaret O'Shaughnessey, David Ross.

## Teaching Associate Professors

Elyse Crystall, Leslie Frost, Jennifer Larson, Hilary Lithgow, Henry Veggian, Wendy Weber.

## Teaching Assistant Professors

Sarah Boyd, Michael Chitwood, Marc Cohen, Cynthia Current, Joseph Fletcher, Larry Goldberg, Elizabeth Gualtieri-Reed, S. Michael Gutierrez, David Monje, Soren Palmer, Courtney Rivard, Guillermo Rodriguez, Ross White.

## Adjunct Professors

Hassan Melehy, Michael Silk.

## Adjunct Associate Professors

Brian Giemza, Terrence Holt, Sharon James, Pamela Lothspeich, Timothy Marr, Morgan Pitelka, Alicia Rivero, Robin Visser, Nadia Yaqub.

## Adjunct Assistant Professors

Janice Koelb, Inga Pollmann, Ariana Vigil.

## Professors Emeriti

Laurence G. Avery, Alan C. Dessen, Kathleen Flanagan, Joseph M. Flora, J. Lee Greene, Minrose Gwin, William R. Harmon, Howard M. Harper Jr., Trudier Harris, Mae Henderson, Fred Hobson, George A. Kennedy, Edward D. Kennedy, Joy S. Kasson J. Kimball King, George S. Lensing Jr., Diane R. Leonard, Allan R. Life, Erika Lindemann, C. Townsend Ludington Jr., G. Mallary Masters, Lawrence Naumoff, Margaret A. O'Connor, Daniel W. Patterson, Julius R. Raper III, Mark L. Reed, Richard D. Rust, Ruth Salvaggio, James Seay, Richard A. Smyth, Philip A. Stadter, Thomas A. Stumpf, Weldon E. Thornton, Linda Wagner-Martin, David Whisnant, Joseph S. Wittig, Charles G. Zug III.

## CMPL—Comparative Literature

### Undergraduate-level Courses

#### CMPL 55. First-Year Seminar: Comics as Literature. 3 Credits.

Comic books, Manga, and the graphic novel have almost vanished from the realm of serious literature. Recently, graphic literature has addressed controversial topics and reached readers across the globe. We will explore graphic literature's unique ability to be a medium for the marginal and oppressed in the 21st century.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### CMPL 89. First-Year Seminar: Special Topics. 3 Credits.

Specials topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### CMPL 120. Great Books I: Epic and Lyric Traditions. 3 Credits.

Major works of literature central to the formation of Western culture from antiquity to 1750. Considers epic, lyric, drama, and prose; core authors such as Homer, Virgil, Dante, and Milton.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 121. Great Books I: Romancing the World. 3 Credits.

This course focuses on the literary mode of romance, with particular attention to cross-cultural contact and exchange from classical antiquity to the present in both European and non-European literature.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 121H. Great Books I: Romancing the World. 3 Credits.

This course focuses on the literary mode of romance, with particular attention to cross-cultural contact and exchange from classical antiquity to the present in both European and non-European literature.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 122. Great Books I: Visual Arts and Literature from Antiquity to 1750. 3 Credits.

This course offers students a survey of mutually supportive developments in literature and the visual arts from classical antiquity until around 1700.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 122H. Great Books I: Visual Arts and Literature from Antiquity to 1750. 3 Credits.

This course offers students a survey of mutually supportive developments in literature and the visual arts from classical antiquity until around 1700.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 123. Great Books I: Politics and Literature from Antiquity to 1750. 3 Credits.

This course examines comparative literary texts in literature and political philosophy in the context of developments in political thought and practice from classical Greece through the French Revolution.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 124. Great Books I: Science and Literature from Antiquity to 1750. 3 Credits.

This course examines developments in literary and scientific thought, including the literary depiction of the disciplines of natural philosophy, including magic, cosmology, natural history, and physiology.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

#### CMPL 130. Great Books II. 3 Credits.

An introduction to some of the major texts of 19th- and 20th-century literature, focusing on periods of romanticism, realism, and modernism and with some attention given to parallel developments in the arts and philosophy.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

#### CMPL 130H. Great Books II. 3 Credits.

An introduction to some of the major texts of 19th- and 20th-century literature, focusing on periods of romanticism, realism, and modernism and with some attention given to parallel developments in the arts and philosophy.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

#### CMPL 131. Great Books II: Savage, Native, Stranger, Other. 3 Credits.

Using readings in literature and philosophy, as well as film screenings, this course explores comparative literature's reconciliation over time of its own, predominantly Western, lineage with other non-Western textual traditions.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

#### CMPL 132. Great Books II: Performance and Cultural Identity in the African Diaspora. 3 Credits.

The focus of this course is inquiry into how we theorize the existence of the African diaspora, cultural identity/-ies, and the role that performance plays in the articulation of experiences.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

#### CMPL 133. Great Books II: Imaging the Americas from the Late 18th Century to the Present. 3 Credits.

This course studies the intersection between word and image, especially verbal and photographic cultural production, in the representation of the Americas in the hemispheric sense from the mid-18th century to present.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

#### CMPL 134. Great Books II: Travel and Identity. 3 Credits.

Introduces students to representative literary and intellectual texts from 1750 to the present and to relevant techniques of literary analysis. Works originally written in foreign languages are studied in translation.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

#### CMPL 134H. Great Books II: Travel and Identity. 3 Credits.

Introduces students to representative literary and intellectual texts from 1750 to the present and to relevant techniques of literary analysis. Works originally written in foreign languages are studied in translation.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 142. Visual Culture II. 3 Credits.**

This course surveys the visual arts, in particular painting and photography, from roughly 1750 to the present. Pictorial traditions, styles, and genres (as well as the traditions of critical writing that respond to them) will be considered from a proto-cinematic perspective. Theater and the novel may also be examined comparatively.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 143. History of Global Cinema. 3 Credits.**

This course is designed to introduce students to the field of global cinema and, thence, to the methods of comparativist film study.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**CMPL 144. Film and Media Culture. 3 Credits.**

This viewing-intensive course introduces students to a set of topics or traditions in global film and media culture. It focuses on significant films at the periphery of the film and media studies canon and offers ample opportunity for group discussion.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**CMPL 150. Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship. 3 Credits.**

Why do we laugh, cry, cringe, or scream at the movies? We will study emotionally intense genres such as melodrama, comedy and horror to think about effective responses to films. Students practice film analysis, gain an overview over genre cinema, and study approaches to emotion, affect, and the body.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**CMPL 180. Race and Ethnicity in Hollywood Productions and Beyond. 3 Credits.**

Studies in African American, Asian American, Hispanic American, Native American, Anglo-Indian, Caribbean, and other films that touch on themes of race and ethnicity in the American context.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**CMPL 198H. Literature in Eastern Europe. 3 Credits.**

An introduction to the literatures of Eastern Europe, including consideration of political influences on literary creation within different cultural traditions.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CMPL 212. The Cinematic City. 3 Credits.**

This course traces the interconnected evolutions of cinema and modern urban life. Versions of the course may address the problem of the city in the abstract or focus on how filmmakers have treated one or more specific cities (New York, Hong Kong, Cairo, Buenos Aires, Rome, Mexico City, Mumbai, Tokyo, etc.).

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**CMPL 220. Global Authors: Jane Austen. 3 Credits.**

This course examines the fiction of Jane Austen and her literary and cultural influence across the globe. We will see echoes of Austen in novels and films from around the world and explore how her work transcends generational, cultural, and geographical boundaries. What is the secret of her global appeal?

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**CMPL 220H. Global Authors: Jane Austen. 3 Credits.**

This course examines the fiction of Jane Austen and her literary and cultural influence across the globe. We will see echoes of Austen in novels and films from around the world and explore how her work transcends generational, cultural, and geographical boundaries. What is the secret of her global appeal?

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**CMPL 223. Global Authors: Cervantes. 3 Credits.**

Close study of Cervantes' *Don Quixote*, its reception and impact on varied works of world literature.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CMPL 225. Global Authors: The Worlds of Shakespeare. 3 Credits.**

Recommended preparation, ENGL 225 or familiarity with at least four Shakespeare plays. Explores the afterlife of Shakespeare's plays from a transnational and multidisciplinary perspective, paying attention to the ways in which several of his plays have been dislocated and reconstituted for different audiences and different artistic and political aims.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**CMPL 227. Global Authors: The Middle Ages in World Cinema. 3 Credits.**

Traces major points of convergence among the thematic concerns of medieval literature, global cinema, and academic constructions of "the Middle Ages." Considers the aesthetic and technological development of film and of medieval painting, sculpture, and dramatic performance.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**CMPL 230. Global Crusoe: The Desert-Island Idea in Film and Fiction. 3 Credits.**

The desert-island scenario involves a sophisticated and culturally central thought experiment in which the constraints of history and society are suspended and human nature is exposed in its essence. This course considers the permutations of this scenario in film and fiction from around the world.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**CMPL 240. Introduction to Film Theory. 3 Credits.**

This course introduces students to debates in classical and post-classical film theory. Likely topics include medium specificity; the ideological functions of narrative cinema; film theory's investments in psychoanalysis, linguistics, semiotics, and phenomenology; the advent of digital media; feminism; national and transnational cinema; spectatorship; authorship; genre theory; and film and philosophy.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 250. Approaches to Comparative Literature. 3 Credits.**

This communications-intensive course familiarizes students with the theory and practice of comparative literature: the history of literary theory; translation; and literature combined with disciplines such as music, architecture, and philosophy.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.



**CMPL 250H. Approaches to Comparative Literature. 3 Credits.**

This communications-intensive course familiarizes students with the theory and practice of comparative literature: the history of literary theory; translation; and literature combined with disciplines such as music, architecture, and philosophy.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**CMPL 251. Introduction to Literary Theory. 3 Credits.**

Familiarizes students with the theory and practice of comparative literature. Against a background of classical poetics and rhetoric, explores various modern literary theories, including Russian formalism, Frankfurt School, feminism, psychoanalysis, deconstruction, new historicism, and others. All reading in theory is paired with that of literary texts drawn from a wide range of literary periods and national traditions.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**CMPL 252. Popular Culture in Modern Southeast Asia. 3 Credits.**

This course examines popular culture in Southeast Asia as a response to colonialism, nationalism, modernization, the state, and globalization. Topics include theater, film, pop songs, television, rituals, and the Internet.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 252.

**CMPL 254. Horror and the Global Gothic: Film, Literature, Theory. 3 Credits.**

This course traces the development of horror in film and writing from the 18th-century European novel to contemporary Asian film. Theoretical readings will embrace a range of disciplines, from literary and film theory to anthropology, feminism and gender studies, and psychoanalysis.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 255. The Feast in Film, Fiction, and Philosophy. 3 Credits.**

Comparative and interdisciplinary study of feasting and its philosophical underpinnings, with special attention to the multiple purposes and nuances of food and feasting in literature, film, and the visual arts.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** ASIA 255.

**CMPL 255H. The Feast in Film, Fiction, and Philosophy. 3 Credits.**

Comparative and interdisciplinary study of feasting and its philosophical underpinnings, with special attention to the multiple purposes and nuances of food and feasting in literature, film, and the visual arts.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** ASIA 255H.

**CMPL 256. Love in Classical Persian Poetry. 3 Credits.**

We will examine the binaries of sacred and profane love, transgression and the law, self and the other, human diversity and inclusiveness in classical Persian poetry. We will explore the intersections of class, gender, sexuality, religion, etc. We will explore the poems inside their historical, cultural, and social contexts.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade

**Same as:** ASIA 256.

**CMPL 257. The Crisis of Modernity in World Cinema. 3 Credits.**

This course surveys world cinema in the attempt to identify the disjunctions that sever past and present. This course will ask the most basic questions: What is the nature of modernity? What are the challenges of modernity? How does the modern experience differ across the globe?

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**CMPL 258. Iranian Prison Literature. 3 Credits.**

This course explores literature written in prisons, particularly under the Islamic Republic. Students will read documents to understand human rights (and violations thereof) from a historical perspective. Since literature, film, philosophy, and theory offer invaluable perspectives, we will examine their contributions in the reflection on human rights in Iran's prisons.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 258.

**CMPL 260. Landscape in Literature and the Arts: Re-Imagining the Natural World. 3 Credits.**

Explores how human interaction with the natural world is represented in the literary, visual, and performing arts from Roman fresco to the ecological art and fiction of the 21st century. Students conduct mentored research at Ackland Art Museum with peer and faculty feedback at every stage.

**Gen Ed:** VP, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**CMPL 261. India through Western Eyes. 3 Credits.**

Examines Western views of India and Indian culture and how these views differ from the way Indians in India and Indian immigrants in the West understand themselves and express their relationship to India through novels and travelogues.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** ASIA 261.

**CMPL 262. Film and Politics. 3 Credits.**

This course investigates the complex relations between cinema and politics in particular national and/or global contexts. Examining not merely films with narratives about politically charged themes but also the political and ideological nature of filmic representation itself, this course focuses on questions that link politics and aesthetics.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**CMPL 269. Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks. 3 Credits.**

This course examines the roles and representations of Jews in the world of the theater from Shakespeare's *The Merchant of Venice* to the present, considering dramas, operas, musicals, film adaptations, and films. Readings and discussions in English.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** GSLL 269, JWST 269.

**CMPL 270. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** GSLL 270, JWST 239, RELI 239.

**CMPL 275. Literature of Pilgrimage. 3 Credits.**

Analyzes literature of pilgrimage, a literal or figurative journey of transformation, from a variety of times and cultures from classical antiquity to the present, including such works as Apuleius' Golden Ass, Cervantes' Persiles, and Basho's Narrow Road to the Deep North.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**CMPL 277. Myth, Fable, Novella: The Long History of the Short Story. 3 Credits.**

Traces the development of European short fiction from the 12th through the 17th centuries, taking brief looks backward toward the ancient world and forward to the modern short story.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CMPL 277H. Myth, Fable, Novella: The Long History of the Short Story. 3 Credits.**

Traces the development of European short fiction from the 12th through the 17th centuries, taking brief looks backward toward the ancient world and forward to the modern short story.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CMPL 279. Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now. 3 Credits.**

Considers fairy tales from several different national traditions and historical periods against the backdrop of folklore, literature, psychoanalysis, and the socializing forces directed at children. Students may not receive credit for both GERM 279/CMPL 279 and GSLL 54.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** GERM 279.

**CMPL 280. Film Genres. 3 Credits.**

This course introduces students to the methods of genre theory and analysis as they pertain to cinema. The course may either provide a survey of several different genres or examine a particular genre in depth as it has evolved historically. National and/or transnational dimensions of popular genres may be emphasized.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 281. Holocaust Cinema in Eastern Europe. 3 Credits.**

A critical look at varieties of cinematic representation and memorialization of the Holocaust, from those countries of Europe where it mostly took place. Taught in English. All films in (or subtitled in) English. Previously offered as SLAV 281.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** GSLL 281.

**CMPL 282. Russian Literature in World Cinema. 3 Credits.**

Survey of masterpieces of Russian literature in the context of their cinematic adaptations. Lectures and readings in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RUSS 282.

**CMPL 321. Medieval and Modern Arthurian Romance. 3 Credits.**

Representative examples of Arthurian literature from the Middle Ages and 19th and 20th centuries, with some attention to film, art, and music.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** ENGL 321.

**CMPL 321H. Medieval and Modern Arthurian Romance. 3 Credits.**

Representative examples of Arthurian literature from the Middle Ages and 19th and 20th centuries, with some attention to film, art, and music.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** ENGL 321H.

**CMPL 332H. Cultural Diversity in Francophone Cinema. 3 Credits.**

Focuses on the construction of cultural identities in French films within a European context from the 1980s until today.

**Requisites:** Prerequisite, FREN 260 or 312.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** FREN 332H, EURO 332H.

**CMPL 359. Literary Diasporas of the Middle East. 3 Credits.**

Analyzing the relationship between the diaspora communities and their new surroundings by drawing on theories of migration, narration, and identity, we will examine the literature born out of this discourse. We will shed light on the historical, cultural, and aesthetic value of this literary production in the Middle East.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 359.

**CMPL 364. The Classical Background of English Poetry. 3 Credits.**

Study of classical writers' influence on selected genres of English poetry.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 364.

**CMPL 364H. The Classical Background of English Poetry. 3 Credits.**

Study of classical writers' influence on selected genres of English poetry.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 364H.

**CMPL 374. Modern Women Writers. 3 Credits.**

The development of a women's literary tradition in the works of such writers as George Sand, George Eliot, Isak Dinesen, Colette, Virginia Woolf, Gertrude Stein, Marguerite Duras, Nathalie Sarraute, Marguerite Yourcenar.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** WGST 373.

**CMPL 375. New Wave Cinema: Its Sources and Its Legacies. 3 Credits.**

This course surveys European "new wave" cinemas post-1945. Movements in Italy, France, the Czech Republic, Britain, Poland, Germany, and other national or transnational contexts may be examined. Movements in Asia, Latin America, and North America may be considered. Or the course may focus on one or two new waves.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**CMPL 377. The World of the Beat Generation: Transcultural Connections. 3 Credits.**

A consideration of authors of the Beat Generation, including Jack Kerouac, Diane di Prima, William S. Burroughs, and Allen Ginsberg, particularly with regard to their interest in narrative depictions, poetics, and other meditations that bear on crossing national and territorial borders.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 379. Cowboys, Samurai, and Rebels in Film and Fiction. 3 Credits.** Cross-cultural definitions of heroism, individualism, and authority in film and fiction, with emphasis on tales or images that have been translated across cultures. Includes films of Ford, Kurosawa, and Visconti.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** ASIA 379.

**CMPL 379H. Cowboys, Samurai, and Rebels in Film and Fiction. 3 Credits.**

Cross-cultural definitions of heroism, individualism, and authority in film and fiction, with emphasis on tales or images that have been translated across cultures. Includes films of Ford, Kurosawa, and Visconti.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** ASIA 379H.

**CMPL 380. Almost Despicable Heroines in Japanese and Western Literature. 3 Credits.**

Authors' use of narrative techniques to create the separation between heroines and their fictional societies and sometimes also to alienate readers from the heroines. Austen, Flaubert, Ibsen, Arishima, Tanizaki, Abe.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ASIA 380, WGST 380.

**CMPL 382. Film and Nature. 3 Credits.**

Examines the complex aesthetic relationship between cinema and nature through a range of different genres, traditions, and theoretical frameworks. Films in which natural landscape, animals, and/or plant life receive special attention may be addressed. Thinkers as disparate as Kant, Thoreau, and recent proponents of eco-critical perspectives may be deployed.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 383. Literature and Medicine. 3 Credits.**

Examines the presentation of medical practice in literature from the mid-19th century to the present. Readings include some medical history, novels, stories, and recent autobiographies of medical training.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 383H. Literature and Medicine. 3 Credits.**

Examines the presentation of medical practice in literature from the mid-19th century to the present. Readings include some medical history, novels, stories, and recent autobiographies of medical training.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 385. Modernist and Postmodernist Narrative. 3 Credits.**

A study of the structure of various types of modernist and postmodernist narrative, including texts by such writers as Proust, Faulkner, Camus, Hesse, Duras, Mann, Woolf, Robbe-Grillet, Kundera, Simon.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 386. Adolescence in 20th- and 21st-Century Literature. 3 Credits.**

Literary portrayal of adolescence in times of cultural upheaval. Although adolescence is often considered a transitional period from carefree childhood to responsible adulthood, we focus on works that explore adolescence primarily as a creative quest for a more meaningful way of life than the one bequeathed by the previous generation.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 390. Special Topics in Comparative Literature. 3 Credits.**

Course topics vary from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**CMPL 411. Critical Theory. 3 Credits.**

Overview of those realms of modern and contemporary thought and writing that are known as, and closely associated with, "critical theory."

**Grading status:** Letter grade.

**CMPL 420. Film, Photography, and the Digital Image. 3 Credits.**

This course examines the shifting nature of the cinematic medium in relation to both traditional photography and newer digital forms of image production. The aesthetic, ethical, and ontological aspects of cinema are explored in light of emergent technological and cultural conditions that demand a full-scale reconsideration of cinema's specificity.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 435. Consciousness and Symbols. 3 Credits.**

This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 435, FOLK 435.

**CMPL 442. Postcolonial Literature of the Middle East. 3 Credits.**

This course introduces students to postcolonial literature and theory. The main focus in the course is on literary texts and literary analysis. However, we will use postcolonial theory to engage critically with the primary texts within a postcolonial framework. We will explore language, identity, physical and mental colonization, and decolonization.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** ASIA 442.

**CMPL 450. Major Works of 20th-Century Literary Theory. 3 Credits.**

Comparative study of representative works on literary and cultural theory or applied criticism to be announced in advance.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 452. The Middle Ages. 3 Credits.**

Study of selected examples of Western medieval literature in translation, with particular attention to the development of varieties of sensibility in various genres and at different periods.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CMPL 453. The Erotic Middle Ages. 3 Credits.**

Readings of major works of medieval European literature in translation from the 12th to 15th centuries, focusing on topics such as courtship, marriage, adultery, homoeroticism, domestic violence, mystical visions, and prostitution.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CMPL 454. Literature of the Continental Renaissance in Translation. 3 Credits.**

Discussion of the major works of Petrarch, Boccaccio, Machiavelli, Castiglione, Ariosto, Tasso, Rabelais, Ronsard, Montaigne, Cervantes, and Erasmus.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**CMPL 454H. Literature of the Continental Renaissance in Translation. 3 Credits.**

Discussion of the major works of Petrarch, Boccaccio, Machiavelli, Castiglione, Ariosto, Tasso, Rabelais, Ronsard, Montaigne, Cervantes, and Erasmus.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**CMPL 456. The 18th-Century Novel. 3 Credits.**

English, French, and German 18th-century narrative fiction with emphasis on epistolary novel. The relation of the novel to the Enlightenment and its counterpart, the cult of sentimentality, and on shifting paradigms for family education, gender, and erotic desire.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 458. Sense, Sensibility, Sensuality, 1740-1810. 3 Credits.**

The development of the moral aesthetic of sensibility or *Empfindsamkeit* in literature of western Europe in the late 18th and early 19th centuries.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 460. Transnational Romanticism: Romantic Movements in Europe and the Americas. 3 Credits.**

Research-intensive course that explores how the Romantic movement beginning in 18th-century Europe has shaped the world we experience now. Topics vary and include revolutionary republicanism; slavery and abolition; quests for originality, expressiveness, and spiritual renovation; critiques of progress and modern urban culture; and revaluations of the natural world.

**Requisites:** Prerequisite, ENGL 105.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**CMPL 462. Realism. 3 Credits.**

An exploration of the period concept of Realism through selected works by such writers as George Eliot, Dickens, James, Dostoevsky, Tolstoy, Balzac, Stendhal, Flaubert, Zola.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 463. Cinema and Surrealism. 3 Credits.**

This course examines surrealism as an inter-art development between the First and Second World Wars. Taking a comparativist view, it focuses mainly on cinema but explores surrealist literature, painting, and sculpture as well. Much of the course traces the continuing relevance of surrealist practices in contemporary cinema.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 464. Naturalism. 3 Credits.**

The Naturalist movement in European and American literature of the late 19th and early 20th centuries, focusing on its philosophical, psychological, and literary manifestations in selected plays and novels.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 466. Modernism. 3 Credits.**

An exploration of the period concept of modernism in European literature, with attention to central works in poetry, narrative, and drama, and including parallel developments in the visual arts.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 468. Aestheticism. 3 Credits.**

Aestheticism as a discrete 19th-century movement and as a major facet of modernism in literature and literary theory. Authors include Kierkegaard, Baudelaire, Nietzsche, Huysmans, Wilde, Mann, Rilke, Nabokov, Dinesen, Barthes, Sontag.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 469. Milan Kundera and World Literature. 3 Credits.**

This course traces Milan Kundera's literary path from his communist poetic youth to his present postmodern Francophilia. His work will be compared with those authors he considers his predecessors and influences in European literature. Taught in English. Some readings in Czech for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** CZCH 469.

**CMPL 470. Concepts and Perspectives of the Tragic. 3 Credits.**

History and theory of tragedy as a distinctive literary genre and as a more general literary and cultural problem. Authors include Aeschylus, Sophocles, Euripides, Shakespeare, Racine, Goethe, Nietzsche, Wagner, Mann, Samuel I and II, Faulkner. Also engages theorists, ancient and modern.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CMPL 471. Classical Rhetoric and Modern Theory. 3 Credits.**

Explores how the theory and practice of classical, medieval, and early modern rhetoric continue to challenge and stimulate contemporary theory. Two-thirds of the course examines texts written before 1750.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CMPL 472. The Drama from Ibsen to Beckett. 3 Credits.**

The main currents of European drama from the end of the 19th century to the present. Includes Chekhov, Strindberg, Pirandello, Lorca, Brecht, Anouilh.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 473. Drama, Pageantry, and Spectacle in Medieval Europe. 3 Credits.**

An exploration of different expressions of medieval drama and pageantry, including plays, tournaments, public executions, and religious processions.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**CMPL 477. Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen. 3 Credits.**

Vladimir Nabokov's novel *Lolita* (1955) became a global phenomenon due to its unflinching portrayal of pedophilia. This course will delve deeper into the novel's moral complexity, its international context, and its reflection in mass culture, including movies by Stanley Kubrick (1962) and Adrian Lyne (1997). Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** RUSS 477.

**CMPL 478. The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights. 3 Credits.**

A comparative study of Chaucer's *Canterbury Tales*, Boccaccio's *Decameron*, and the earliest known version of the *Arabian Nights*. Knowledge of Middle English desirable, but students with no experience in the language will be able to attend tutorial sessions early in the semester.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**CMPL 479. What is a Medium? German Media Theory from Aesthetics to Cultural Techniques. 3 Credits.**

This seminar provides students across the humanities with an overview of the historical and cultural relevance of German media theories. We will discuss the distinction between "art" and "medium", the role of technology and techniques, as well as the interaction of media theory and practice with politics. Films with English subtitles; readings and discussions in English.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade

**Same as:** GERM 479.

**CMPL 481. Rhetoric of Silence: Cross-Cultural Theme and Technique. 3 Credits.**

The uses of literary silence for purposes such as protest, civility, joy, oppression, nihilism, awe, or crisis of representation. Authors include Sterne, Goethe, Austen, Kawabata, Soseki, Oe, Toson, Camus, Mann.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ASIA 481.

**CMPL 482. Philosophy and Literature. 3 Credits.**

Philosophical readings of literary texts, including novels, plays, and poems.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** PHIL 482.

**CMPL 483. Cross-Currents in East-West Literature. 3 Credits.**

The study of the influence of Western texts upon Japanese authors and the influence of conceptions of "the East" upon Western writers. Goldsmith, Voltaire, Soseki, Sterne, Arishima, Ibsen, Yoshimoto, Ishiguro.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 483.

**CMPL 485. Approaches to 20th-Century Narrative. 3 Credits.**

An examination of central trends in 20th-century narrative.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 486. Literary Landscapes in Europe and Japan. 3 Credits.**

Changing understandings of nature across time and cultures, especially with regard to its human manipulation and as portrayed in novels of Japan and Europe. Rousseau, Goethe, Austen, Abe, Mishima.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ASIA 486.

**CMPL 486H. Literary Landscapes in Europe and Japan. 3 Credits.**

Changing understandings of nature across time and cultures, especially with regard to its human manipulation and as portrayed in novels of Japan and Europe. Rousseau, Goethe, Austen, Abe, Mishima.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ASIA 486H.

**CMPL 487. Literature and the Arts of Love. 3 Credits.**

Love and sexuality in literary works from various historical periods and genres. Authors include Sappho, Plato, Catullus, Propertius, Ovid, Dante, Petrarch, Shakespeare, LaClos, Goethe, Nabokov, and Roland Barthes.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CMPL 489. Empire and Diplomacy. 3 Credits.**

Examines the history of the British Empire and the role of peace, war, defense, diplomacy, and letters in shaping Britain's presence on the world stage.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** PWAD 489.

**CMPL 490. Special Topics. 3 Credits.**

Topics vary from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**CMPL 492. The Fourth Dimension: Art and the Fictions of Hyperspace. 3 Credits.**

An exploration of the concept of the fourth dimension, its origins in non-Euclidean geometry, its development in popular culture, and its impact on the visual arts, film, and literature.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**CMPL 494. Cinematic Uses of the Essay Form. 3 Credits.**

Examines aesthetic, political, and philosophical aspects of essay films in international cinema. Focusing on works by figures such as Chris Marker, Orson Welles, Harun Farocki, Alexander Kluge, Guy Debord, and Jean-Luc Godard, the course traces the genre's literary roots and addresses how the essay deviates from more traditional documentary forms.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**CMPL 496. Reading Course. 3 Credits.**

Readings vary from semester to semester. The course is generally offered for three credits.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.



**CMPL 500. Advanced Seminar. 3 Credits.**

This seminar allows comparative literature majors to work on an independent project to synthesize their curricular experience, and it introduces them to current, broadly applicable issues in comparative literature.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**CMPL 558. The Lives and Times of Medieval Corpses. 3 Credits.**

An investigation of the social, political, and literary uses of corpses in the Middle Ages.

**Gen Ed:** LA, EE- Mentored Research, WB.

**Grading status:** Letter grade.

**CMPL 560. Reading Other Cultures: Issues in Literary Translation. 3 Credits.**

Permission of the instructor. Reading knowledge of a language other than English recommended. Starting from the proposition that cultural literacy would be impossible without reliance on translations, this course addresses fundamental issues in the practice, art, and politics of literary translation. Previously offered as SLAV 560.

**Grading status:** Letter grade

**Same as:** GSLL 560.

**CMPL 563. Studies in the Anglo-French Renaissance. 3 Credits.**

Recommended preparation, FREN 370 (for students taking the course for French credit), or one course from ENGL 225 to ENGL 229, or one course from CMPL 120 to CMPL 124. Study of French-English literary relations in the Renaissance, focusing on literary adaptation and appropriation, poetics, political writing, and related areas.

**Gen Ed:** LA, WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** FREN 563.

**CMPL 621. Arthurian Romance. 3 Credits.**

British and continental Arthurian literature in translation from the early Middle Ages to Sir Thomas Malory.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** ENGL 621.

**CMPL 622. Medieval Cosmopolitanisms. 3 Credits.**

An examination of medieval engagements with the foreign and the extent to which those engagements challenged conventional ways of thinking about the world.

**Gen Ed:** EE- Mentored Research, WB.

**Grading status:** Letter grade.

**CMPL 624. The Baroque. 3 Credits.**

Required preparation, one course from CMPL 120-129. Analysis of the Baroque as an aesthetic movement, including major, representative literary works, comparisons of literature and the visual arts, and the study of theories of the Baroque and Neo-Baroque. Authors studied may include Tasso, Racine, Cervantes, and Shakespeare, among others.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**CMPL 685. Literature of the Americas. 3 Credits.**

Two years of college-level Spanish or the equivalent strongly recommended. Multidisciplinary examination of texts and other media of the Americas, in English and Spanish, from a variety of genres.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 685, AMST 685.

**CMPL 691H. Comparative Lit Senior Honors Thesis Part I. 3 Credits.**

Required of all students reading for honors in comparative literature.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**CMPL 692H. Comparative Lit Senior Honors Thesis Part II. 3 Credits.**

Required of all students reading for honors in comparative literature.

**Requisites:** Prerequisite, CMPL 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## ENGL—English

### Undergraduate-level Courses

**ENGL 50. First-Year Seminar: Multimedia North Carolina. 3 Credits.**

Each student will complete a service-learning internship and compose a multimedia documentary about the experience using original text, photos, audio, and video.

**Gen Ed:** VP, CI, EE- Service Learning.

**Grading status:** Letter grade.

**ENGL 52. First-Year Seminar: Computers and English Studies. 3 Credits.**

How do computers change the study of literature? How do images tell stories? How is writing evolving through photo essays, collages, and digital video? Students investigate these and related questions.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 53. First-Year Seminar: Slavery and Freedom in African American Literature and Film. 3 Credits.**

The seminar's purpose is to explore the African American slave narrative tradition from its 19th-century origins in autobiography to its present manifestations in prize-winning fiction and film.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 54. First-Year Seminar: The War to End All Wars? The First World War and the Modern World. 3 Credits.**

Examination of literary and cinematic works that expose the cultural impact World War I had on contemporary and future generations.

**Gen Ed:** LA, GL, NA.

**Grading status:** Letter grade.

**ENGL 54H. First-Year Seminar: The War to End All Wars? The First World War and the Modern World. 3 Credits.**

Examination of literary and cinematic works that expose the cultural impact World War I had on contemporary and future generations.

**Gen Ed:** LA, GL, NA.

**Grading status:** Letter grade.

**ENGL 55. First-Year Seminar: Reading and Writing Women's Lives. 3 Credits.**

This first-year seminar emphasizes contemporary autobiographical writing by and about women. Students investigate questions of self and identity by reading and writing four genres of life writing: autobiography, autoethnography, biography, and personal essay. Both traditional written and new media composing formats will be practiced. Students may not receive credit for both ENGL 55H and ENGL 134H.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 55H. First-Year Seminar: Reading and Writing Women's Lives. 3 Credits.**

This first-year seminar emphasizes contemporary autobiographical writing by and about women. Students investigate questions of self and identity by reading and writing four genres of life writing: autobiography, autoethnography, biography, and personal essay. Both traditional written and new media composing formats will be practiced. Students may not receive credit for both ENGL 55H and ENGL 134H.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 57. First-Year Seminar: Future Perfect: Science Fictions and Social Form. 3 Credits.**

This class will investigate the forms and cultural functions of science fiction using films, books, and computer-based fictional spaces (Internet, video games, etc).

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 58. First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction. 3 Credits.**

Course will examine the aesthetic and cultural functions and implications of textual images of photography and photographs in United States Latina/o short stories from the 1960s to the present.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade.

**ENGL 58H. First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction. 3 Credits.**

Course will examine the aesthetic and cultural functions and implications of textual images of photography and photographs in United States Latina/o short stories from the 1960s to the present.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade.

**ENGL 59. First-Year Seminar: Black Masculinity and Femininity. 3 Credits.**

This first year seminar will use literature, film, and popular culture to explore different expressions of masculinity and femininity in the African American and Black diasporic context. Students will evaluate how artists use gender and sexuality for social critique and artistic innovation.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**ENGL 63. First-Year Seminar: Banned Books. 3 Credits.**

This course will focus on issues of intellectual freedom and censorship, with particular attention to the ways in which these issues are racialized.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 63H. First-Year Seminar: Banned Books. 3 Credits.**

This course will focus on issues of intellectual freedom and censorship, with particular attention to the ways in which these issues are racialized.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 67. First-Year Seminar: Travel Literature. 3 Credits.**

Students will read examples of several kinds of travel literature, e.g., voyage, pilgrimage, exploration, tour, and mission. Special attention to North Carolina as a tourist venue.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 69. First-Year Seminar: Entrepreneurial on the Web. 3 Credits.**

This course explores trends in online communication, emphasizing composition for the Web. The study of these writing activities is linked with a focus on innovation and on entrepreneurship.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 70. First-Year Seminar: Courtly Love, Then and Now. 3 Credits.**

Study of the medieval concept of courtly love, tracing its classical antecedents, its expression in Renaissance literature (especially Shakespeare), and its influence in modern culture.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 71. First-Year Seminar: Doctors and Patients. 3 Credits.**

This course explores the human struggle to make sense of suffering and debility. Texts are drawn from literature, anthropology, film, art history, philosophy, and biology.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 71H. First-Year Seminar: Doctors and Patients. 3 Credits.**

This course explores the human struggle to make sense of suffering and debility. Texts are drawn from literature, anthropology, film, art history, philosophy, and biology.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 72. First-Year Seminar: Literature of 9/11. 3 Credits.**

This first-year seminar will introduce students to college-level critical analysis, writing, and oral communication by exploring representations of the 9/11 attacks and the "war on terrorism" in literature and popular culture.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade.

**ENGL 73. First-Year Seminar: Literature of War from World War I to the 21st Century. 3 Credits.**

This is a course about literature and war and what they might teach us about each other. Our work will be oriented around one central question: what, if anything, can a work of art help us see or understand about war that cannot be shown by other means? Students may not receive credit for both ENGL 73 and ENGL 161.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 74. First-Year Seminar: Epic/Anti-Epic in Western Literature. 3 Credits.**

In this course, students will study epic and anti-epic strains in Western literature, reading key texts in the epic tradition from Homer and Virgil through the 20th century in light of various challenges to that tradition and tensions within it.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 75. First-Year Seminar: Interpreting the South from Manuscripts. 3 Credits.**

The aim of the course is to give beginning university students the requisite research skills to allow them to appreciate and to contribute to an understanding of the past by directly experiencing and interpreting records from the past. Students will actually get to work with historical documents, some more than 200 years old.

**Gen Ed:** HS, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 76H. First-Year Seminar: Biography: People and Places, Chapel Hill. 3 Credits.**

This seminar focuses on biography, specifically on persons and places in Chapel Hill. Students will engage in basic research to create a final project around a person or place of their choice from any field or profession. Students will design and produce the biography in any format, from print to digital.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 79. First-Year Seminar: Globalization/Global Asians. 3 Credits.**

This course will explore the concept of globalization by focusing on the Asian diaspora, particularly the artistic and cultural productions that document, represent, and express Global Asians.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

**ENGL 80. First-Year Seminar: The Politics of Persuasion: Southern Women's Rhetoric. 3 Credits.**

Narratives of women spies, social reformers, missionaries, teachers, blockade runners, and escapees from slavery help uncover persuasive strategies used to challenge the limited roles to which women were assigned.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**ENGL 81. First-Year Seminar: Jane Eyre and Its Afterlives. 3 Credits.**

Class members will reflect upon Brontë's *Jane Eyre* (1847) in its original contexts and study subsequent novels and films that engage with it. What makes a literary work a "classic"? How do later readers' concerns affect their responses? Lovers of *Jane Eyre* are welcome, as are newcomers and skeptics.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**ENGL 85. First-Year Seminar: Economic Saints and Villains. 3 Credits.**

Our objective throughout will be to analyze how literary art simultaneously demonizes and celebrates the "miracle of the marketplace" and those financial pioneers that perform its magic.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**ENGL 85H. First-Year Seminar: Economic Saints and Villains. 3 Credits.**

Our objective throughout will be to analyze how literary art simultaneously demonizes and celebrates the "miracle of the marketplace" and those financial pioneers that perform its magic.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**ENGL 86. First-Year Seminar: The Cities of Modernism. 3 Credits.**

This course is a cross-cultural and intermedial exploration of the imagery of the Great City in high modernist works of literature, art, and film.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 87. First-Year Seminar: Jane Austen, Then and Now. 3 Credits.**

This course focuses on the fiction of Jane Austen and its representations in film.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 87H. First-Year Seminar: Jane Austen, Then and Now. 3 Credits.**

This course focuses on the fiction of Jane Austen and its representations in film.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 88. First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11. 3 Credits.**

This course will explore stories about the Japanese American internment from first person memoirs to contemporary fiction. We will also examine the ramifications, historic and legal, of the internment post-9/11.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 89H. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 100. Basic Writing. 3 Credits.**

Required for incoming students with SAT I Writing scores of 460 or lower. Provides frequent practice in writing, from short paragraphs to longer papers, focusing on analysis and argument. Workshop format.

**Gen Ed:** CR.

**Grading status:** Letter grade.

**ENGL 105. English Composition and Rhetoric. 3 Credits.**

This college-level course focuses on written and oral argumentation, composition, research, information literacy, and rhetorical analysis. The course introduces students to the specific disciplinary contexts for written work and oral presentations required in college courses. Students may not receive credit for both ENGL 102 and ENGL 102I, 105, or 105I.

**Gen Ed:** CR.

**Grading status:** Letter grade.

**ENGL 105I. English Composition and Rhetoric (Interdisciplinary). 3 Credits.**

This college-level course focuses on written and oral argumentation, composition, research, information literacy, and rhetorical analysis. The course introduces students to one specific disciplinary context for written work and oral presentations required in college courses: natural sciences, social sciences, humanities, law, business, or medicine. Students may not receive credit for both ENGL 105 and ENGL 102, 102I, or 105I.

**Gen Ed:** CR.

**Grading status:** Letter grade.

**ENGL 116. History of Writing: From Pen to Pixel. 3 Credits.**

This course examines how writing has evolved from ancient times to the present, with a focus on how writing technologies (from clay tablets to typewriters, pictographs to emojis) have shaped written languages and writing instruction. Activities will include making cylinder seals, writing with wax tablets, composing videos and comic books.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 117. Arguing on the Internet: Rhetoric in the Age of Animosity. 3 Credits.**

In this course, students will draw on classical rhetoric—the ancient art of persuasion—to analyze how people argue today, in online contexts. We will use rhetoric to examine the strategies internet trolls use, what makes a post go viral, and whether online arguments can actually change people's minds.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 120. British Literature, Medieval to 18th Century. 3 Credits.**

Required of English majors. Survey of medieval, Renaissance, and neoclassical periods. Drama, poetry, and prose.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 120H. British Literature, Medieval to 18th Century. 3 Credits.**

Required of English majors. Survey of medieval, Renaissance, and neoclassical periods. Drama, poetry, and prose.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 121. British Literature, 19th and Early 20th Century. 3 Credits.**

This course (or ENGL 150) is required of English majors. Seminar focusing on later British literature. Students learn methods of literary study and writing about literature.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**ENGL 122. Introduction to American Literature. 3 Credits.**

Representative authors from the time of European colonization of the New World through the 20th century.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 122H. Introduction to American Literature. 3 Credits.**

Representative authors from the time of European colonization of the New World through the 20th century.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 123. Introduction to Fiction. 3 Credits.**

Novels and shorter fiction by Defoe, Austen, Dickens, Faulkner, Wolfe, Fitzgerald, Joyce, and others.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 124. Contemporary Literature. 3 Credits.**

The literature of the present generation.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 125. Introduction to Poetry. 3 Credits.**

A course designed to develop basic skills in reading poems from all periods of English and American literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 126. Introduction to Drama. 3 Credits.**

Drama of the Greek, Renaissance, and modern periods.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 127. Writing about Literature. 3 Credits.**

Course emphasizes literature, critical thinking, and the writing process. Students learn how thinking, reading, and writing relate to one another by studying poetry, fiction, drama, art, music, and film.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 128. Major American Authors. 3 Credits.**

A study of approximately six major American authors drawn from Emerson, Thoreau, Hawthorne, Melville, Stowe, Whitman, Clemens, Dickinson, Chesnut, James, Eliot, Stein, Hemingway, O'Neill, Faulkner, Hurston, or others.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 129. Literature and Cultural Diversity. 3 Credits.**

Studies in African American, Asian American, Hispanic American, Native American, Anglo-Indian, Caribbean, gay-lesbian, and other literatures written in English.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**ENGL 130. Introduction to Fiction Writing. 3 Credits.**

Sophomores only. A course in reading and writing fiction. Close study of a wide range of short stories; emphasis on technical problems. Class criticism and discussion of student exercises and stories. Students may not receive credit for both ENGL 130 and ENGL 132H.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 131. Introduction to Poetry Writing. 3 Credits.**

Sophomores only. A course in reading and writing poems. Close study of a wide range of published poetry and of poetic terms and techniques. Composition, discussion, and revision of original student poems.

Students may not receive credit for both ENGL 131 and ENGL 133H.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 132H. First-Year Honors: Introduction to Fiction Writing. 3 Credits.**

First-year honors students only. A close study of the craft of the short story and novella through a wide range of reading, with emphasis on technical strategies. Class discussion of student exercises and stories. Students may not receive credit for both ENGL 130 and ENGL 132H.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 133H. First-Year Honors: Introduction to Poetry Writing. 3 Credits.**

First-year honors students only. A close study of a wide range of published poems and of the basic terms and techniques of poetry.

Composition, discussion, and revision of a number of original poems. Students may not receive credit for both ENGL 131 and ENGL 133H.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 134H. First-Year Honors: Women's Lives. 3 Credits.**

First-year honors students only. This course focuses on women's life writing, including autobiography, biography, autoethnography, personal essay. Includes theories of life writing. Students will read contemporary works in each genre and write their own versions. Students may not receive credit for both ENGL 55 and ENGL 134H.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 135H. First-Year Honors: Types of Literature. 3 Credits.**

First-year honors students only. Study of literary forms (epic, drama, lyric, novel), beginning in the fall term and concluding in the spring, with three hours credit for each term. Students should consult the assistant dean for honors or the Department of English and Comparative Literature for offerings.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.



**ENGL 137. Literature in a Digital Age: Books, E-books, and the Literary Marketplace. 3 Credits.**

In this course students learn to study emergent relationships between print and digital literary cultures. In addition to reading and discussion, the course requires that students conduct original research (individual and also collaborative) in both print and digital formats.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 138. Introduction to Creative Nonfiction. 3 Credits.**

A course in reading and writing creative nonfiction, prose based in fact, but treated in a literary manner, e.g., personal essays, travel narratives, science and nature writing, immersive interviews and profiles, reportage, and belles-lettres. Composition, class discussion, and revision of work written for this class.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 139. Currents in Sexuality Studies. 3 Credits.**

This course provides a systematic introduction to the field of sexuality studies, using a broad range of disciplinary perspectives to study human sexuality in its various functions and forms.

**Gen Ed:** US.

**Grading status:** Letter grade.

**ENGL 140. Introduction to Gay and Lesbian Culture and Literature. 3 Credits.**

Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.

**Gen Ed:** LA, US.

**Grading status:** Letter grade

**Same as:** WGST 140.

**ENGL 141. World Literatures in English. 3 Credits.**

This course will be a basic introduction to literatures in English from Africa, the Caribbean, South Asia, Canada, Australia, New Zealand, and other Anglophone literary traditions.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 142. Film Analysis. 3 Credits.**

This course offers an introduction to the technical, formal, and narrative elements of the cinema.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 142H. Film Analysis. 3 Credits.**

This course offers an introduction to the technical, formal, and narrative elements of the cinema.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 143. Film and Culture. 3 Credits.**

Examines the ways culture shapes and is shaped by film. This course uses comparative methods to contrast films as historic or contemporary, mainstream or cutting-edge, in English or a foreign language, etc.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**ENGL 144. Popular Genres. 3 Credits.**

Introductory course on popular literary genres. Students will read and discuss works in the area of mystery, romance, westerns, science fiction, children's literature, and horror fiction.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 145. Literary Genres. 3 Credits.**

Studies in genres including drama, poetry, prose fiction, or nonfiction prose, examining form, comparing that genre to others (including popular genres), placing works within a tradition or a critical context.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 145H. Literary Genres. 3 Credits.**

Studies in genres including drama, poetry, prose fiction, or nonfiction prose, examining form, comparing that genre to others (including popular genres), placing works within a tradition or a critical context.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 146. Science Fiction/Fantasy/Utopia. 3 Credits.**

Readings in and theories of science fiction, utopian and dystopian literatures, and fantasy fiction.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 147. Mystery Fiction. 3 Credits.**

Studies in classic and contemporary mystery and detective fiction.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 148. Horror. 3 Credits.**

From its origins in Gothic and pre-Gothic literatures and arts, this course examines the complexities and pleasures of horror. Topics include psychology, aesthetics, politics, allegory, ideology, and ethics.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 149. Networked and Multimedia Composition. 3 Credits.**

This class studies contemporary, networked writing spaces. The class will investigate electronic networks, linking them with literacy, creativity, and collaboration. The course also explores multimodal composing. Students will develop projects using images, audio, video, and words. Topics include the rhetoric of the Internet, online communities, and digital composition.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 150. Introductory Seminar in Literary Studies. 3 Credits.**

Sophomore English majors only. This course (or ENGL 121) is required of English majors. Introduces students to methods of literary study.

Students learn to read and interpret a range of literary works, develop written and oral arguments about literature, and conduct literary research.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 155. The Visual and Graphic Narrative. 3 Credits.**

This course examines a number of visual texts, including graphic novels and emerging narrative forms that include visuals as well as words. The course explores how meaning can be conveyed through the composition, juxtaposition, and framing of images as well as through the relationship between words and images.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.



**ENGL 161. Literature of War from World War I to the 21st Century. 3 Credits.**

This is a class about literature and war and what each might teach us about the other. We will consider a range of texts and center our work around this question: what, if anything, can a work of art help us see or understand about war that might not be shown by other means? Students may not receive credit for both ENGL 73 and ENGL 161.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 191. Introduction to Literary Studies. 3 Credits.**

Introduces students to the field of literary studies while emphasizing a single writer, group, movement, theme, or period. Students conduct research, develop readings, and compose literary interpretations.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 202. Introduction to Folklore. 3 Credits.**

An introduction to the study of creativity and aesthetic expression in everyday life, considering both traditional genres and contemporary innovations in the material, verbal, and musical arts.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** ANTH 202, FOLK 202.

**ENGL 206. Intermediate Fiction Writing. 3 Credits.**

Permission of the program director. Substantial practice in those techniques employed in introductory course. A workshop devoted to the extensive writing of fiction (at least two short stories), with an emphasis on style, structure, dramatic scene, and revision.

**Requisites:** Prerequisite, ENGL 130 or 132H.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 207. Intermediate Poetry Writing. 3 Credits.**

Permission of the program director. An intensification of the introductory class. A workshop devoted to close examination of selected exemplary poems and the students' own poetry, with an emphasis on regular writing and revising.

**Requisites:** Prerequisite, ENGL 131 or 133H.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 208. Reading and Writing Creative Nonfiction. 3 Credits.**

Permission of the program director. A course in reading and writing creative nonfiction, focusing on three of its most important forms, including the personal essay, travel writing, and writing on the natural world.

**Requisites:** Prerequisite, ENGL 130, 131, 132H, or 133H.

**Gen Ed:** LA, CI.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 210. Writing Young Adult Literature. 3 Credits.**

Permission of the program director. A course in reading and writing young adult fiction, with a focus on the crafting of a novel.

**Requisites:** Prerequisites, ENGL 130, 131, 132H, or 133H.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 225. Shakespeare. 3 Credits.**

A survey of representative comedies, tragedies, histories, and romances by William Shakespeare.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 225H. Shakespeare. 3 Credits.**

A survey of representative comedies, tragedies, histories, and romances by William Shakespeare.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 226. Renaissance Drama. 3 Credits.**

A survey of Renaissance drama focusing on contemporaries and successors of Shakespeare during the Elizabethan and Jacobean periods.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 226H. Renaissance Drama. 3 Credits.**

A survey of Renaissance drama focusing on contemporaries and successors of Shakespeare during the Elizabethan and Jacobean periods.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 227. Literature of the Earlier Renaissance. 3 Credits.**

Poetry and prose of the earlier Renaissance, including More, Wyatt, Sidney, Spenser, Bacon, and Marlowe.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 227H. Literature of the Earlier Renaissance. 3 Credits.**

Poetry and prose of the earlier Renaissance, including More, Wyatt, Sidney, Spenser, Bacon, and Marlowe.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 228. Literature of the Later Renaissance. 3 Credits.**

Poetry and prose from the late Elizabethan years through the "century of revolution" into the Restoration period after 1660: Donne, Jonson, Bacon, Herbert, Burton, Browne, Marvell, Herrick, and others.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 228H. Literature of the Later Renaissance. 3 Credits.**

Poetry and prose from the late Elizabethan years through the "century of revolution" into the Restoration period after 1660: Donne, Jonson, Bacon, Herbert, Burton, Browne, Marvell, Herrick, and others.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 230. Milton. 3 Credits.**

A study of Milton's prose and poetry in the extraordinary context of 17th-century philosophy, politics, religion, science, and poetics, and against the backdrop of the English Civil War.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 230H. Milton. 3 Credits.**

A study of Milton's prose and poetry in the extraordinary context of 17th-century philosophy, politics, religion, science, and poetics, and against the backdrop of the English Civil War.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 240. Caribbean Literature. 3 Credits.**

An introductory exploration of key topics in the literatures of the Caribbean basin, Bermuda, and the Caribbean diaspora.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ENGL 248. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** AMST 248, POLI 248, WGST 249.

**ENGL 250. Faulkner. 3 Credits.**

The writings, contexts, and legacy of William Faulkner.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**ENGL 251. Film Performance and Stardom. 3 Credits.**

This course focuses on performances in cinema, as well as the concept of stardom. This course surveys a diverse range of performances across cinema history,

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 255. Introduction to Media Studies. 3 Credits.**

This course provides an introduction to concepts of media studies as they bear on the critical examination of cinema, television, and other cultural forms. Students explore different theoretical perspectives on the role and power of media in society in influencing social values, political beliefs, identities, and behaviors.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 261. An Introduction to Literary Criticism. 3 Credits.**

An introduction to literary criticism in English studies, with an emphasis on historical developments from Plato to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 261H. An Introduction to Literary Criticism. 3 Credits.**

An introduction to literary criticism in English studies, with an emphasis on historical developments from Plato to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 263. Literature and Gender. 3 Credits.**

Intensive study, focused on gender issues of criticism and writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** WGST 263.

**ENGL 263H. Literature and Gender. 3 Credits.**

Intensive study, focused on gender issues, of criticism and writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** WGST 263H.

**ENGL 264. Healing in Ethnography and Literature. 3 Credits.**

This course brings together literary and ethnographic methods to explore narratives of illness, suffering, and healing, and medicine's roles in these processes. Themes include illness narratives, outbreak narratives, collective memory and healing from social trauma, and healers' memoirs.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 272.

**ENGL 265. Literature and Race, Literature and Ethnicity. 3 Credits.**

Considers texts in a comparative ethnic/race studies framework and examines how these texts explore historical and contemporary connections between groups of people in the United States and the Americas.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 265H. Literature and Race, Literature and Ethnicity. 3 Credits.**

Considers texts in a comparative ethnic/race studies framework and examines how these texts explore historical and contemporary connections between groups of people in the United States and the Americas.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 266. Science and Literature. 3 Credits.**

Introductory exploration of the relation between science and literature, as well as the place and value of both in the contemporary world.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 266H. Science and Literature. 3 Credits.**

Introductory exploration of the relation between science and literature, as well as the place and value of both in the contemporary world.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 267. Growing Up Latina/o. 3 Credits.**

This interdisciplinary course will examine what it means to grow up Latina/o through an exploration of childhood narratives, linguistic debates, education policies and legislation, and censored books.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 268. Medicine, Literature, and Culture. 3 Credits.**

An introduction to key topics that focus on questions of representation at the intersections of medicine, literature, and culture.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 268H. Medicine, Literature, and Culture. 3 Credits.**

An introduction to key topics that focus on questions of representation at the intersections of medicine, literature, and culture.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 269. Introduction to Disability Studies. 3 Credits.**

This course will introduce students to the key critical concepts, debates, and questions of practice in the emerging scholarly field of disability studies.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**ENGL 270. Studies in Asian American Literature. 3 Credits.**

This course introduces students to the study of Asian American literature and culture. The focus of the course may include examining coming-of-age novels, immigration narratives, or other genre explorations.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 271. Mixed-Race America: Race in Contemporary American Literature and Culture. 3 Credits.**

This service-learning course is partnered with a charter school, and together UNC-Chapel Hill and high school students will explore issues of race in American literature and culture.

**Gen Ed:** LA, EE- Service Learning, US.

**Grading status:** Letter grade.

**ENGL 274. Approaches to Drama: Regional Productions. 3 Credits.**

Approaches to the literary interpretation of drama, stressing original research into literary history, genre, and social and cultural contexts, with an emphasis on current plays staged in area theater.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 278. Irish Writing, 1800-2000. 3 Credits.**

This course introduces major texts and current themes, from Joyce to the postcolonial, in Irish writing from 1800 to 2000.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 281. Literature and Media. 3 Credits.**

This course investigates the rich and complex relationship between literature and other mass media.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 282. Travel Literature. 3 Credits.**

Students will analyze various types of travel literature, such as voyage, pilgrimage, and tour, in terms of literary conventions, historical conditions, and considerations of gender, ethnicity, economics, empire, and religion.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 282H. Travel Literature. 3 Credits.**

Students will analyze various types of travel literature, such as voyage, pilgrimage, and tour, in terms of literary conventions, historical conditions, and considerations of gender, ethnicity, economics, empire, and religion.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 283. Life Writing. 3 Credits.**

Exploration of different forms of life writing such as autobiography, biography, and autoethnography. Readings will include theories of autobiography and selected literature.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 283H. Life Writing. 3 Credits.**

Exploration of different forms of life writing such as autobiography, biography, and autoethnography. Readings will include theories of autobiography and selected literature.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 284. Reading Children's Literature. 3 Credits.**

An overview of the tradition of children's literature, considering the ways those books point to our basic assumptions about meaning, culture, self, society, gender, economics.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 285. Classical Backgrounds in English Literature. 3 Credits.**

A survey of Greek and Roman epic and lyric poetry, literary criticism and philosophy designed for the undergraduate English major.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 288. Literary Modernism. 3 Credits.**

In this course students will read early 20th-century poetry, fiction, films, and criticism, and consider the ways these works constituted, defined, and challenged the phenomenon known as literary modernism.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 289. Jewish American Literature and Culture of the 20th Century. 3 Credits.**

Through readings in a wide range of genres, this course will examine major factors and influences shaping Jewish American literature and culture in the 20th century.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** JWST 289.

**ENGL 291. The Illustrated Book: History of Illustration in Children's Texts. 3 Credits.**

A history of illustrated books for children within the larger tradition of illustrated texts in Britain and America.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 292. Depictions of Childhood in Literature and the Visual Arts. 3 Credits.**

This course considers a range of texts, including children's literature, to focus on the aesthetic, historical, and social factors grounding depictions of childhood. Other material includes literature and visual texts in various forms. The course stresses original student research.

**Gen Ed:** LA, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 295. Undergraduate Research Seminar. 3 Credits.**

Guides students through the processes of developing an original research topic, conducting research, and analyzing research, leading students to produce a high-quality presentation of their findings. Topic varies by instructor but may focus on literary studies or closely-related arenas such as medical humanities, digital humanities, and creative writing, among others.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**ENGL 295H. Undergraduate Research Seminar. 3 Credits.**

Guides students through the processes of developing an original research topic, conducting research, and analyzing research, leading students to produce a high-quality presentation of their findings. Topic varies by instructor but may focus on literary studies or closely-related arenas such as medical humanities, digital humanities, and creative writing, among others.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**ENGL 300. Advanced Expository Writing. 3 Credits.**

Advanced practice with critical, argumentative, and analytic writing, including forms of the essay. Special attention to style, voice, and genre.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 300I. Advanced Expository Writing (Interdisciplinary). 3 Credits.**

Advanced practice with critical, argumentative, and analytic writing, including the essay. Special attention to writing in the disciplines of life and applied sciences, social sciences (including business), and humanities.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 301. Advanced Expository Writing for the Humanities. 3 Credits.**

Advanced practice with the oral and written discourse of the humanities. Special attention to disciplinary rhetoric, style, genre, format, and citation.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 302. Advanced Expository Writing for the Social Sciences. 3 Credits.**

Advanced practice with the oral and written discourse of the social sciences. Special attention to disciplinary rhetoric, style, genre, format, and citation.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 303. Advanced Expository Writing for the Natural Sciences. 3 Credits.**

Advanced practice with the oral and written discourse of the natural sciences. Special attention to disciplinary rhetoric, style, genre, format, and citation.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 304. Advanced Expository Writing for Business. 3 Credits.**

Advanced practice with business and professional oral and written discourse. Special attention to disciplinary rhetoric, style, genre, format, and citation.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 305. Advanced Expository Writing for Law. 3 Credits.**

Advanced practice with legal oral and written discourse. Special attention to disciplinary rhetoric, style, genre, format, and citation.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 306. Playwriting. 3 Credits.**

Permission of the program director. A workshop for people interested in writing plays, focusing on elements that make them work on stage, such as characterization, climax, dialogue, exposition, momentum, setting, and visual effects.

**Requisites:** Prerequisite, ENGL 130, 131, 132H, or 133H.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 307. Studies in Fiction and Poetry: Stylistics. 3 Credits.**

Permission of the program director. Creative writing minors only. An occasional intermediate course that may focus on such topics as living writers, poetic forms, and imitation, but which is offered every fall as Gram-o-Rama, the study of language and grammar as stylistic tools.

**Requisites:** Prerequisite, ENGL 130, 131, 132H, or 133H.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 309. Theatrical Writing for the Puppet Stage. 3 Credits.**

Instructor permission required. This course emphasizes puppetry arts as an expression of literary craft, offering students an immersive, collaborative experience in dramatic writing culminating in scripts acted by puppets. Writing focus will be elements of scene, including character and plot development, and communication by gesture. Puppet building from recyclable materials.

**Gen Ed:** VP, CI, EE- Performing Arts.

**Grading status:** Letter grade.

**ENGL 310. Fairy Tales. 3 Credits.**

A study of fairy tales as historical artifacts that reveal the concerns of their times and places, as narrative structures capable of remarkable transformation, and as artistic performances drawing upon the expressive resources of multiple media, intended to challenge conventional presuppositions about the genre.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** FOLK 310.

**ENGL 311. The Art of the Book: Artists' Books, Zines, and the Bibliographic Imaginary in the Digital Age. 3 Credits.**

This course examines the burgeoning field of the book arts, including artists' books, book sculpture, and zines. Working with the Sloane Art Library's extensive collection, students will examine how the structure of the codex has been used to model radical new forms of creativity, subjectivity, and political engagement.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 311H. The Art of the Book: Artists' Books, Zines, and the Bibliographic Imaginary in the Digital Age. 3 Credits.**

This course examines the burgeoning field of the book arts, including artists' books, book sculpture, and zines. Working with the Sloane Art Library's extensive collection, students will examine how the structure of the codex has been used to model radical new forms of creativity, subjectivity, and political engagement.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 313. Grammar of Current English. 3 Credits.**

An introductory course in descriptive English linguistics that studies the sounds, word-building processes, and sentence structures of current English as well as general notions of correctness and variation.

**Grading status:** Letter grade.

**ENGL 314. History of the English Language. 3 Credits.**

A study of the development of English from its Proto-Indo-European origins to modern English, with emphasis on how events and contacts with other languages influenced the vocabulary of English.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**ENGL 315. English in the U.S.A.. 3 Credits.**

A historical and critical examination of regional, social, and stylistic variation in English in the United States, including correctness, legal and educational issues, and the influence of mass media.

**Gen Ed:** US.

**Grading status:** Letter grade.

**ENGL 315H. English in the U.S.A.. 3 Credits.**

A historical and critical examination of regional, social, and stylistic variation in English in the United States, including correctness, legal and educational issues, and the influence of mass media.

**Gen Ed:** US.

**Grading status:** Letter grade.

**ENGL 316. Rhetorical Traditions. 3 Credits.**

Examines histories of rhetorical theory and practice. Students will develop original research projects that expand our understanding of rhetorical traditions. Historical periods, critical perspectives, genres, and topics will vary.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 316H. Rhetorical Traditions. 3 Credits.**

Examines histories of rhetorical theory and practice. Students will develop original research projects that expand our understanding of rhetorical traditions. Historical periods, critical perspectives, genres, and topics will vary.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 317. Networked Composition. 3 Credits.**

This class explores writing in contemporary networked composing spaces. The course focuses on developing writing projects that study and participate in online social networks. Topics include the rhetoric of the Internet; collaboration online; information ethics; amateur content creation; networks and social interaction; networks and literacy; and remix composition.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 318. Multimedia Composition. 3 Credits.**

This class studies composing in a variety of modes, including visuals, moving images, gestures, sounds, and words. Students develop projects using image, audio, and video editors, examining how multimedia fits within the history of rhetoric and writing and relates with concerns such as purposes, audiences, contexts, arguments, genres, and mediums.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 318H. Multimedia Composition. 3 Credits.**

This class studies composing in a variety of modes, including visuals, moving images, gestures, sounds, and words. Students develop projects using image, audio, and video editors, examining how multimedia fits within the history of rhetoric and writing and relates with concerns such as purposes, audiences, contexts, arguments, genres, and mediums.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 319. Introduction to Medieval English Literature, excluding Chaucer. 3 Credits.**

An introduction to English literature from the eighth to the 15th century, focusing on the primary works of Old English and Middle English literature.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 319H. Introduction to Medieval English Literature, excluding Chaucer. 3 Credits.**

An introduction to English literature from the eighth to the 15th century, focusing on the primary works of Old English and Middle English literature.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 320. Chaucer. 3 Credits.**

An introduction to Chaucer's major poetry: Troilus and Criseyde, the "dream" poems (e.g., Parliament of Fowls) and The Canterbury Tales.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 320H. Chaucer. 3 Credits.**

An introduction to Chaucer's major poetry: Troilus and Criseyde, the "dream" poems (e.g., Parliament of Fowls), and The Canterbury Tales.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 321. Medieval and Modern Arthurian Romance. 3 Credits.**

Representative examples of Arthurian literature from the Middle Ages and 19th and 20th centuries, with some attention to film, art, and music.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CMPL 321.

**ENGL 321H. Medieval and Modern Arthurian Romance. 3 Credits.**

Representative examples of Arthurian literature from the Middle Ages and 19th and 20th centuries, with some attention to film, art, and music.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CMPL 321H.

**ENGL 323. American Cinema of the 1970s: New Hollywood and Beyond. 3 Credits.**

This course examines one of the most adventurous decades in U.S. film history, from the "Auteur Renaissance," to independent cinema, through to the politically conscious reconfiguration of popular genres. Films are discussed in the context of social changes and anxieties in the years surrounding Watergate and the Vietnam War.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**ENGL 324. Creating the Video Essay. 3 Credits.**

This instructional course gives students the opportunity to make video essays. Students learn how to use creative audiovisual media tools, in particular those related to the moving image. Students gain familiarity with digital production and editing technology, which they use as instruments of critical expression and argumentation.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**ENGL 325. Shakespeare and His Contemporaries. 3 Credits.**

This course explores the wide range of drama produced in England between the 1570s and 1640s, including work by Shakespeare and his many rivals.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 325H. Shakespeare and His Contemporaries. 3 Credits.**

This course explores the wide range of drama produced in England between the 1570s and 1640s, including work by Shakespeare and his many rivals.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.



**ENGL 326. Renaissance Genres. 3 Credits.**

This course traces the historical evolution/devolution of Renaissance literary genres. Each offering will focus on a single generic kind or set of kinds.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 327. Renaissance Literature and Its Intellectual Contexts. 3 Credits.**

A focused study of one or two intellectual movements of the Renaissance through the literary and nonliterary texts of the period.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 330. Perspectives on the Renaissance. 3 Credits.**

Students will study Renaissance literature while assessing the usefulness and status of a theoretical approach, such as feminist theory, queer theory, cultural materialism, new historicism, or psychoanalytic theory.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 331. 18th-Century Literature. 3 Credits.**

A survey of British literature from Dryden to Paine.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 331H. 18th-Century Literature. 3 Credits.**

A survey of British literature from Dryden to Paine.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 332. 18th-Century Drama. 3 Credits.**

A survey of Restoration and 18th-century drama from Ethredge to Sheridan.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 332H. 18th-Century Drama. 3 Credits.**

A survey of Restoration and 18th-century drama from Ethredge to Sheridan.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 333. 18th-Century Fiction. 3 Credits.**

A survey of 18th-century fiction from Behn to Austen.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 333H. 18th-Century Fiction. 3 Credits.**

A survey of 18th-century fiction from Behn to Austen.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 337. The Romantic Revolution in the Arts. 3 Credits.**

This course examines the technical and aesthetic revolutions in the fine arts of the English Romantic Period, focusing on lyrical poetry, landscape painting, and original printmaking and works by Wordsworth, Turner, and Blake.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 337H. The Romantic Revolution in the Arts. 3 Credits.**

This course examines the technical and aesthetic revolutions in the fine arts of the English Romantic Period, focusing on lyrical poetry, landscape painting, and original printmaking and works by Wordsworth, Turner, and Blake.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 338. 19th-Century British Novel. 3 Credits.**

Important novelists in the tradition, from Austen to Wilde.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 338H. 19th-Century British Novel. 3 Credits.**

Important novelists in the tradition, from Austen to Wilde.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 340. Studies in Jane Austen. 3 Credits.**

This course focuses on both the novels of Jane Austen and their fate since publication in the early 19th century. They have inspired countless imitations, over 150 sequels and continuations, and more than 30 full-length films. We will trace the transmission and transformation of the original texts across time and cultures.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 343. American Literature before 1860. 3 Credits.**

Selected topics or authors in American literature from the period of European colonization of the New World through the onset of the Civil War.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 343H. American Literature before 1860. 3 Credits.**

Selected topics or authors in American literature from the period of European colonization of the New World through the onset of the Civil War.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 344. American Literature, 1860-1900. 3 Credits.**

Instructors choose authors or topics from the period 1860-1900. The course may be organized chronologically or thematically but is not intended as a survey.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 344H. American Literature, 1860-1900. 3 Credits.**

Instructors choose authors or topics from the period 1860-1900. The course may be organized chronologically or thematically, but is not intended as a survey.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 345. American Literature, 1900-2000. 3 Credits.**

Instructors choose authors or topics from the period 1900 to 2000. The course may be organized chronologically or thematically but is not intended as a survey.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 345H. American Literature, 1900-2000. 3 Credits.**

Instructors choose authors or topics from the period 1900 to 2000. The course may be organized chronologically or thematically, but is not intended as a survey.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 347. The American Novel. 3 Credits.**

The development of the American novel from the late 18th century through the 20th century. May proceed chronologically or thematically.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 347H. The American Novel. 3 Credits.**

The development of the American novel from the late 18th century through the 20th century. May proceed chronologically or thematically.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 348. American Poetry. 3 Credits.**

Content of course varies with instructor, but students are given a sense of the chronological, stylistic, and thematic development of American poetry over two centuries.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 348H. American Poetry. 3 Credits.**

Content of course varies with instructor, but students are given a sense of the chronological, stylistic, and thematic development of American poetry over two centuries.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 350. 20th-Century British and American Poetry. 3 Credits.**

Poetry in English from the middle of the 19th century to the present, approached historically, thematically, technically, politically, and aesthetically; concentration on analysis, comparison, and synthesis.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 350H. 20th-Century British and American Poetry. 3 Credits.**

Poetry in English from the middle of the 19th century to the present, approached historically, thematically, technically, politically, and aesthetically; concentration on analysis, comparison, and synthesis.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 353. Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) course interrogates the rhetoric of data construction and management by positioning students as "critical makers" in a digital humanities project.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 354. The Lived Experience of Inequality and Public Policy. 3 Credits.**

This course will explore the gap between public policy and the lived experiences of an reactions to it. Students will explore this gap by studying the work of social scientists who create public policy and the work of artists who have lived through and creatively responded to policy making outcomes.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** PLCY 354.

**ENGL 355. The British Novel from 1870 to World War II. 3 Credits.**

Students will read novels in English, including Joyce, Woolf, and Proust, to explore how writers from across cultures created new strategies to represent the late 19th and 20th century worlds of imperialism, science, and experiment.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 355H. The British Novel from 1870 to World War II. 3 Credits.**

Students will read novels in English, including Joyce, Woolf, and Proust, to explore how writers from across cultures created new strategies to represent the late 19th and 20th century worlds of imperialism, science, and experiment.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 356. British and American Fiction since World War II. 3 Credits.**

Course studies contemporary British and American fiction through representative works. Intellectual and aesthetic, historical and cultural emphases. May include works from the Anglophone diaspora.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 356H. British and American Fiction Since World War II. 3 Credits.**

Course studies contemporary British and American fiction through representative works. Intellectual and aesthetic, historical and cultural emphases. May include works from the Anglophone diaspora.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 357. 20th-Century British Literature and Culture. 3 Credits.**

This course examines factors shaping British/Commonwealth literature in the 20th century, especially the world wars and the dismantling of the British Empire. We will investigate themes of both nostalgia and anticipation: ways of remembering the past of England and the Empire, and of describing the future of British culture(s).

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 359. Latina Feminisms. 3 Credits.**

This course introduces students to United States Latina feminist theories, literatures, and cultures. Through a blend of genres, students explore historical foundations of Latina feminisms, examining the relationship between Latina feminisms and United States Third World feminisms, and analyze literary and cultural representations of feminist praxis.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 360. Contemporary Asian American Literature and Theory. 3 Credits.**

This course will explore contemporary Asian American literature and theory and will examine how Asian American literature fits into, yet extends beyond, the canon of American literature.

**Gen Ed:** LA, US.

**Grading status:** Letter grade

**Same as:** ASIA 360.

**ENGL 361. Asian American Women's Writing. 3 Credits.**

This course covers writings by Asian American women and examines issues of gender, race, and sexuality.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade

**Same as:** WGST 361.

**ENGL 363. Feminist Literary Theory. 3 Credits.**

Theories of feminist criticism in relation to general theory and women's writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** WGST 363.

**ENGL 363H. Feminist Literary Theory. 3 Credits.**

Theories of feminist criticism in relation to general theory and women's writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** WGST 363H.

**ENGL 364. Introduction to Latina/o Studies. 3 Credits.**

Introduction to the major questions within Latina/o studies in terms of transnationalism, transculturation, ethnicity, race, class, gender, sexuality, systems of value, and aesthetics.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**ENGL 364H. Introduction to Latina/o Studies. 3 Credits.**

Introduction to the major questions within Latina/o Studies in terms of transnationalism, transculturation, ethnicity, race, class, gender, sexuality, systems of value, and aesthetics.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**ENGL 365. Migration and Globalization. 3 Credits.**

Covers literary works associated with one or more of the major historical migrations, forced and voluntary, and present-day works engaged with globalization.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 365H. Migration and Globalization. 3 Credits.**

Covers literary works associated with one or more of the major historical migrations, forced and voluntary, and present-day works engaged with globalization.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 366. Literature and the Other Arts. 3 Credits.**

Course examines relationship of literature to the other arts, especially music and the visual arts, in terms of similar period characteristics, distinct material, and formal constraints.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 366H. Literature and the Other Arts. 3 Credits.**

Course examines relationship of literature to the other arts, especially music and the visual arts, in terms of similar period characteristics, distinct material, and formal constraints.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 367. African American Literature to 1930. 3 Credits.**

Survey of writers and literary and cultural traditions from the beginning of African American literature to 1930.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 367H. African American Literature to 1930. 3 Credits.**

Survey of writers and literary and cultural traditions from the beginning of African American literature to 1930.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 368. African American Literature, 1930-1970. 3 Credits.**

Survey of writers and literary and cultural traditions from 1930 to 1970.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 368H. African American Literature, 1930-1970. 3 Credits.**

Survey of writers and literary and cultural traditions from 1930 to 1970.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 369. African American Literature, 1970 to the Present. 3 Credits.**

Survey of writers and literary and cultural traditions from 1970 to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 369H. African American Literature, 1970 to the present. 3 Credits.**

Survey of writers and literary and cultural traditions from 1970 to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 370. Race, Health, and Narrative. 3 Credits.**

This interdisciplinary course explores how issues of health, medicine, and illness are impacted by questions of race in 20th-century American literature and popular culture. Specific areas covered include pain, death, the family and society, reproduction, mental illness, aging, human subject experimentation, the doctor-patient relationship, pesticides, and bioethics.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**ENGL 370H. Race, Health, and Narrative. 3 Credits.**

This interdisciplinary course explores how issues of health, medicine, and illness are impacted by questions of race in 20th-century American literature and popular culture. Specific areas covered include pain, death, the family and society, reproduction, mental illness, aging, human subject experimentation, the doctor-patient relationship, pesticides, and bioethics.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**ENGL 371. The Place of Asian Americans in Southern Literature. 3 Credits.**

This course will consider the themes of globalization and regionalism through an examination of narratives featuring Asians/Asian Americans in the American South.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**ENGL 371H. The Place of Asian Americans in Southern Literature. 3 Credits.**

This course will consider the themes of globalization and regionalism through an examination of narratives featuring Asians/Asian Americans in the American South.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade.

**ENGL 373. Southern American Literature. 3 Credits.**

An introduction to Southern literature, with emphasis on the 20th-century: fiction, poetry, drama, essays. Representative authors include Faulkner, Wolfe, Williams, Warren, Hurston, Wright, Ransom, Tate, Welty, Chappell, McCullers, O'Connor.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 373H. Southern American Literature. 3 Credits.**

An introduction to Southern literature, with emphasis on the 20th-century: fiction, poetry, drama, essays. Representative authors include Faulkner, Wolfe, Williams, Warren, Hurston, Wright, Ransom, Tate, Welty, Chappell, McCullers, O'Connor.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 374. Southern Women Writers. 3 Credits.**

The study of fiction, poetry, plays, and essays by Southern American women writers of the past 200 years, continuing to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** WGST 374.

**ENGL 375. Contemporary North Carolina Literature. 3 Credits.**

A study of the novels, short stories, and poems produced by North Carolina writers during the literary renaissance of recent decades.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 377. Introduction to the Celtic Cultures. 3 Credits.**

A broad survey of the cultures of the Celtic-speaking areas, notably Ireland, Wales, Scotland, and Brittany, with special emphasis on language and literature.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 380. Film History. 3 Credits.**

The course offers an introduction to the history of cinema and, in particular, to a period of film history.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 380H. Film History. 3 Credits.**

The course offers an introduction to the history of cinema and, in particular, to a period of film history.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 381. Literature and Cinema. 3 Credits.**

The course introduces students to the complex narrative and rhetorical relationship between literature and cinema.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 383. Literary Nonfiction. 3 Credits.**

An introduction to the many forms of creative nonfiction by contemporary writers. Will include nonfiction literature as well as theoretical and critical responses to such literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 383H. Literary Nonfiction. 3 Credits.**

An introduction to the many forms of creative nonfiction by contemporary writers. Will include nonfiction literature as well as theoretical and critical responses to such literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 385. Literature and Law. 3 Credits.**

Explores various connections of literature and law, including literary depictions of crime, lawyers, and trials; literary conventions of legal documents; and/or shared problems in interpretation of law and literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 386. Gender, Sexuality, and the South Asian Diaspora. 3 Credits.**

This course explores how gender and sexuality shapes the literature, politics, and public culture of South Asian immigrant communities in Europe, Africa, the Americas, and other locations outside the Indian subcontinent.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**ENGL 387. Canadian Literature. 3 Credits.**

A study of Canadian literature in English from the late 18th century to the present, with emphasis on 20th-century writing and on the novel.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 388. Modernism: Movements and Moments. 3 Credits.**

What was modernism? When was modernism? Where was modernism? Reading literature and visual art from 1890 to 1940 in Europe, America, and Africa will be key to finding answers.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 389. Major Film Directors. 3 Credits.**

This course introduces students to the aims and concerns of authorship study in film through discussion of a major filmmaker's body of work. The course may focus predominantly on a single figure or may compare two or more figures who share certain affinities of theme or style.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 390. Studies in Literary Topics. 3 Credits.**

An intensive study of a single writer, group, movement, theme, or period.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**ENGL 396. Directed Readings in English or Creative Writing. 3 Credits.**

Permission of the department. Intensive reading on a particular topic under the supervision of a member of the staff.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ENGL 400. Advanced Composition for Teachers. 3 Credits.**

This course combines frequent writing practice with discussions of rhetorical theories and strategies for teaching writing. The course examines ways to design effective writing courses, assignments, and instructional materials.

**Grading status:** Letter grade.

**ENGL 402. Investigations in Academic Writing and Writing Centers. 3 Credits.**

This course considers learning to write from three vantage points: personal, social, and contextual. Emphasis on theory, reflective practice, and pedagogy for peer tutoring.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 406. Advanced Fiction Writing. 3 Credits.**

Permission of the program director. A continuation of the intermediate workshop with emphasis on the short story, novella, and novel. Extensive discussion of student work in class and in conferences with instructor.

**Requisites:** Prerequisite, ENGL 206.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 407. Advanced Poetry Writing. 3 Credits.**

Permission of the program director. A continuation of the intermediate workshop, with increased writing and revising of poems. Extensive discussion of student poetry in class and in conferences with instructor.

**Requisites:** Prerequisite, ENGL 207.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 408. Collaboration: Composers and Lyricists. 3 Credits.**

This is a course in popular-songwriting collaboration, a workshop with constant presentation of original songs and close-critiquing of these assignments. Varied assignments including songs for soloists, duos, trios, quartets, and chorus; ballads, folk, jazz, blues, art, and musical-theater songs, etc.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**ENGL 409. Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing. 3 Credits.**

This course is a collaborative exploration of popular-song lyric writing, requiring numerous drafts written to varied existing musical models—narrative ballads; hymns; folk, theater, jazz, art, R&B, R&R, and worldbeat songs, etc—to be tried out and worked on in class, as well as in conference.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**ENGL 410. Documentary Film. 3 Credits.**

This course provides a history of documentary cinema since the beginnings of the medium and surveys different modes and theoretical definitions; or the course may focus largely on a certain mode (such as ethnographic, observational, first-person, cinema vérité, politically activist, found footage compilation, or journalistic investigation).

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 410H. Documentary Film. 3 Credits.**

This course provides a history of documentary cinema since the beginnings of the medium and surveys different modes and theoretical definitions; or the course may focus largely on a certain mode (such as ethnographic, observational, first-person, cinema vérité, politically activist, found footage compilation, or journalistic investigation).

**Gen Ed:** VP.

**Grading status:** Letter grade.

**ENGL 430. Renaissance Literature--Contemporary Issues. 3 Credits.**

This course investigates cultural themes or problems across a wide spectrum of Renaissance authors.

**Gen Ed:** LA, NA, WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 436. Contemporary Approaches to 18th-Century Literature and Culture. 3 Credits.**

Focuses on particular forms, authors, or issues in the period.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 436H. Contemporary Approaches to 18th-Century Literature and Culture. 3 Credits.**

Focuses on particular forms, authors, or issues in the period

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 437. Chief British Romantic Writers. 3 Credits.**

Survey of works by Blake, Wordsworth, Coleridge, Byron, Percy and Mary Shelley, Keats, and others.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 437H. Chief British Romantic Writers. 3 Credits.**

Survey of works by Blake, Wordsworth, Coleridge, Byron, Percy and Mary Shelley, Keats, and others.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 439. English Literature, 1832-1890. 3 Credits.**

Poetry and prose of the Victorian period, including such writers as Tennyson, the Brownings, Arnold, the Brontës, Dickens, G. Eliot.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 439H. English Literature, 1832-1890. 3 Credits.**

Poetry and prose of the Victorian period, including such writers as Tennyson, the Brownings, Arnold, the Brontës, Dickens, G. Eliot.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 441. Romantic Literature--Contemporary Issues. 3 Credits.**

Devoted to British Romantic-period literature's engagement with a literary mode (such as the Gothic) or a historical theme (such as war or abolition) or to an individual author.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 441H. Romantic Literature--Contemporary Issues. 3 Credits.**

Devoted to British Romantic-period literature's engagement with a literary mode (such as the Gothic) or a historical theme (such as war or abolition) or to an individual author.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 442. Victorian Literature--Contemporary Issues. 3 Credits.**

The study of an individual Victorian writer, a group (such as the Pre-Raphaelites), a theme (such as imperialism), or genre (such as Victorian epic or the serialized novel).

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.



**ENGL 443. American Literature before 1860--Contemporary Issues. 3 Credits.**

A junior- or senior-level course devoted to in-depth exploration of an author, group of authors, or topic in American literature to 1860.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 443H. American Literature before 1860--Contemporary Issues. 3 Credits.**

A junior- or senior-level course devoted to in-depth exploration of an author, group of authors, or topic in American literature to 1860.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 444. American Literature, 1860-1900--Contemporary Issues. 3 Credits.**

Intensive study of one or more authors or a topic in American literature from the Civil War through 1900.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 444H. American Literature, 1860-1900--Contemporary Issues. 3 Credits.**

Intensive study of one or more authors or a topic in American literature from the Civil War through 1900.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 445. American Literature, 1900-2000--Contemporary Issues. 3 Credits.**

A junior- or senior-level course devoted to in-depth exploration of an author, group of authors, or a topic in American literature from 1900 to 2000.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 445H. American Literature, 1900-2000--Contemporary Issues. 3 Credits.**

A junior- or senior-level course devoted to in-depth exploration of an author, group of authors, or a topic in American literature from 1900 to 2000.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 446. American Women Authors. 3 Credits.**

American women authors from the beginnings to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** WGST 446.

**ENGL 446H. American Women Authors. 3 Credits.**

American women authors from the beginnings to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** WGST 446H.

**ENGL 447. Memory and Literature. 3 Credits.**

This course brings together theories of collective and individual memory with questions of aesthetics and narrative while exploring global connections between memory and literature.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 448. Philosophies of Life from Classical Antiquity to 1800. 3 Credits.**

This course examines philosophies of life, its nature and origins, from the ancient Greeks to the enlightenment.

**Gen Ed:** PH, CI, WB.

**Grading status:** Letter grade.

**ENGL 462. Contemporary Poetry and Theory. 3 Credits.**

This course introduces the student to historical and contemporary thinking about poetry and poetic language. Examines the place of poetry in theoretical thinking and theoretical thinking about poetry.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 462H. Contemporary Poetry & Theory. 3 Credits.**

This course introduces the student to historical and contemporary thinking about poetry and poetic language. Examines the place of poetry in theoretical thinking and theoretical thinking about poetry.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 463. Postcolonial Literature. 3 Credits.**

This course is a multigenre introduction to postcolonial literatures. Topics will include postcolonial Englishes, nationalism, anti-imperialism, postcolonial education, and the intersections between national and gender identities in literature.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 463H. Postcolonial Literature. 3 Credits.**

This course is a multi-genre introduction to postcolonial literatures. Topics will include postcolonial Englishes, nationalism, anti-imperialism, postcolonial education, and the intersections between national and gender identities in literature.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**ENGL 465. Difference, Aesthetics, and Affect. 3 Credits.**

Examines interrelations between cultural difference, aesthetic form, and the representation, production, and conveyance of subjectivity (in particular affect or states of feeling) in texts, other media, and material culture.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 465H. Difference, Aesthetics, and Affect. 3 Credits.**

Examines interrelations between cultural difference, aesthetic form, and the representation, production, and conveyance of subjectivity (in particular affect or states of feeling) in texts, other media, and material culture.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ENGL 466. Literary Theory--Contemporary Issues. 3 Credits.**

Examines current issues in literary theory such as the question of authorship, the relation of literary texts to cultural beliefs and values, and to the formation of identities.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 466H. Literary Theory--Contemporary Issues. 3 Credits.**

Examines current issues in literary theory such as the question of authorship, the relation of literary texts to cultural beliefs and values, and to the formation of identities.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 467. Educating Latinas/os: Preparing SLI Mentors. 3 Credits.**

Permission of the instructor. Designed for students accepted as mentors to the Scholars' Latino Initiative (SLI). Students will take this course during their first year as SLI mentors to prepare them as effective mentors to Latina/o high school students. Students cannot receive credit for both ENGL 267 and 467.

**Gen Ed:** LA, CI, EE- Service Learning.

**Grading status:** Letter grade.

**ENGL 472. African American Literature--Contemporary Issues. 3 Credits.**

Study of particular aspects of African American literature, such as the work of a major writer or group of writers, an important theme, a key tradition, or a literary period.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 472H. African American Literature--Contemporary Issues. 3 Credits.**

Study of particular aspects of African American literature, such as the work of a major writer or group of writers, an important theme, a key tradition, or a literary period.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 475. Southern Literature--Contemporary Issues. 3 Credits.**

The study of a particular topic or genre in the literature of the United States South, more focused than students will find in ENGL 373.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 480. Digital Humanities History and Methods. 3 Credits.**

Students will explore the history of computer-assisted humanities scholarship, from its beginnings in computational linguistics, media studies, and humanities computing to its current incarnation as "digital humanities." The course will provide an introduction to the field and to digital research methodologies and prepare students to develop their own digital projects. Previously offered as ENGL 530.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 487. Everyday Stories: Personal Narrative and Legend. 3 Credits.**

Oral storytelling may seem old-fashioned, but we tell true (or possibly true) stories every day. We will study personal narratives (about our own experiences) and legends (about improbable, intriguing events), exploring the techniques and structures that make them effective communication tools and the influence of different contexts and audiences.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** FOLK 487.

**ENGL 488. Critical Security Studies. 3 Credits.**

Introduces major topics in the interdisciplinary field of critical security studies. Critically analyzing the public construction of risk and security in military, technological, informational, and environmental domains, the course explores major theories that attempt to make sense of the transnational proliferation of violence and risk in historical and contemporary contexts.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade

**Same as:** PWAD 484.

**ENGL 489. Cultural Studies--Contemporary Issues. 3 Credits.**

The student will have an opportunity to concentrate on topics and texts central to the study of culture and theory.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 489H. Cultural Studies--Contemporary Issues. 3 Credits.**

The student will have an opportunity to concentrate on topics and texts central to the study of culture and theory.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 490. Creative Writing: Special Topics. 3 Credits.**

Permission of the program director. Creative writing minors only. An occasional advanced course, which may focus on such topics as advanced creative nonfiction, editing and publishing, the lyric in song and collaboration between lyricists and composers, the one-act play, and short-short fiction.

**Gen Ed:** LA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 492. Professional Writing Portfolio Development and Publication. 3 Credits.**

Students develop, refine, and prepare a portfolio of advanced written work for professional audiences or publication. Each portfolio will contain an array of written work that demonstrates the student's versatility as a writer, researcher, and editor. The portfolio is intended for presentation to professional audiences, potential employers, prospective graduate programs, and/or publication.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 496. Independent Research. 1-3 Credits.**

Permission of the department. Recommended for students in junior or senior year of study. Intensive mentored research, service learning, field work, creative work, or internship. Requires 30 hours of research, writing, or experiential activities, or 100 hours of internship work, culminating in a written project.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 564. Interdisciplinary Approaches to Literature. 3 Credits.**

Examines the ways knowledge from other disciplines can be brought to bear in the analysis of literary works. Questions of disciplinary limits and histories will also be addressed.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 580. Film--Contemporary Issues. 3 Credits.**

This course is designed to introduce students to a particular historical or cultural aspect of the cinema.

**Gen Ed:** VP.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 580H. Film--Contemporary Issues. 3 Credits.**

This course is designed to introduce students to a particular historical or cultural aspect of the cinema.

**Gen Ed:** VP.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 583. Drama on Location. 3 Credits.**

Offered as part of summer study abroad programs in Oxford, London, and Stratford-on-Avon. Students experience plays in performance and as texts, and discuss their literary, dramatic, cultural, and historical aspects.

**Gen Ed:** VP, EE- Study Abroad.

**Grading status:** Letter grade.

**ENGL 583H. Drama on Location. 3 Credits.**

Offered as part of summer study abroad programs in Oxford, London, and Stratford-on-Avon. Students experience plays in performance and as texts, and discuss their literary, dramatic, cultural, and historical aspects.

**Gen Ed:** VP, EE- Study Abroad.

**Grading status:** Letter grade.

**ENGL 607. Theory and Practice of Writing in the Disciplines. 1-3 Credits.**

Introduction to theories of teaching writing in the disciplines for graduate instructors. Students will study discipline-specific conventions of argumentation, genre, and style with attention to pedagogical techniques, assignments, and activities.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**ENGL 610. Science as Literature: Rhetorics of Science and Medicine. 3 Credits.**

The goal of this course is to develop skills in analyzing the rhetorical construction of scientific claims, with a focus on health and medicine as scientific discourse communities. Topics include the structure, argument, and style of scientific genres; visual and digital rhetorics; and the circulation of scientific rhetoric among publics.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENGL 611. Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar. 3 Credits.**

Sociologist Arthur Frank asserts that "whether ill people want to tell stories or not, illness calls for stories." This seminar explores narrative approaches to suffering, healing, and medicine's roles in these processes. Students learn literary and anthropological approaches to examine medically themed works from a range of genres.

**Gen Ed:** PH, CI, US.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENGL 619. Survey of Old and Middle English Literature. 3 Credits.**

An introduction to English literature from the eighth to the 15th century, focusing on the primary works of Old English and Middle English literature.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 620. Introduction to Old English Language and Literature. 3 Credits.**

Students will learn to read Old English, the Germanic language spoken by the Anglo-Saxons in Britain from about the middle of the fifth century until the time of the Norman Conquest. Students will study Beowulf, "Caedmon's Hymn", and other selections in poetry and prose.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**ENGL 621. Arthurian Romance. 3 Credits.**

British and continental Arthurian literature in translation from the early Middle Ages to Sir Thomas Malory.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CMPL 621.

**ENGL 630. Shakespeare and His Contemporaries. 3 Credits.**

This course will examine drama written and performed in England from 1570 to 1640, situating Shakespeare's plays in relation to others in his generation.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ENGL 638. 19th-Century Women Writers. 3 Credits.**

An investigation of important texts by 19th-century women writers that considers issues of gender in relation to other important considerations--tradition, form, culture--with an introduction to the chief scholarly and critical problems of this period.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**ENGL 657. English and American Literature of the 20th Century. 3 Credits.**

A survey of 20th-century English and American drama, poetry, fiction, and criticism.

**Grading status:** Letter grade.

**ENGL 659. War in 20th-Century Literature. 3 Credits.**

A study of literary works written in English concerning World War I, or the Spanish Civil War and World War II, or the Vietnam War.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** PWAD 659.

**ENGL 659H. War in 20th-Century Literature. 3 Credits.**

A study of literary works written in English concerning World War I, or the Spanish Civil War and World War II, or the Vietnam War.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** PWAD 659H.

**ENGL 660. War in Shakespeare's Plays. 3 Credits.**

The focus is on Shakespeare's various treatments of war in his plays: all his Roman histories, most of his English histories, all his tragedies, even some of his comedies.

**Grading status:** Letter grade

**Same as:** PWAD 660.

**ENGL 661. Introduction to Literary Theory. 3 Credits.**

Examines contemporary theoretical issues and critical approaches relevant to the study of literature.

**Grading status:** Letter grade.

**ENGL 662. History of Literary Criticism. 3 Credits.**

A history of literary criticism from the Greeks to mid-20th century, focusing on recurrent concerns and classic texts that are indispensable for understanding the practice of literary criticism today.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ENGL 663. Postcolonial Theory. 3 Credits.**

This course covers major works of and topics in postcolonial theory.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**ENGL 665. Queer Latina/o Literature, Performance, and Visual Art. 3 Credits.**

This course explores literature, performance art, film, and photography by Latinas and Latinos whose works may be described as "queer" and that question terms and norms of cultural dominance.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade

**Same as:** WGST 665.

**ENGL 666. Queer Latina/o Photography and Literature. 3 Credits.**

This course explores Latina/o literature about photography in relation to photography by "queer" Latina/o artists and, through this double focus, poses certain questions about identity, subjectivity, and culture.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade

**Same as:** WGST 666.

**ENGL 670. Being and Race in African American Literature. 3 Credits.**

An examination of phenomenology, the "philosophy of experience." Taking the perspective that literature helps clarify our experience, we will engage in readings of various genres—poetry, autobiography, fiction, and drama—as we examine how literature not only records experience, but also shapes it through a distinct method of reasoning.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**ENGL 674. Digital Literature. 3 Credits.**

Digital literature explores how literary works are composed for, shaped by, and studied in electronic environments. Course texts range from books to electronic fiction and poetry to video games. Hands-on activities give students a chance to develop their own literary projects—either as electronic literary works or as digital scholarship.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 675. Digital Teaching. 3 Credits.**

This course explores issues and methodologies related to the integration of digital technologies into teaching. Topics include instructor-student dynamics in the technology-assisted classroom, the role of social media in education, emerging forms of digital composing, and opportunities for extending the classroom through online platforms.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 676. Digital Editing and Curation. 3 Credits.**

Students will investigate theories and practices of editing in multimedia, digital environments. Students will explore histories of textual editing, research major humanities projects, examine trends and toolsets related to developing scholarly digital materials, and collaborate with one another and with campus entities to develop an online digital humanities project.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**ENGL 680. Film Theory. 3 Credits.**

This course offers a rigorous introduction to the various theories (aesthetic, narratological, historiographic, ideological, feminist, poststructuralist) inspired by the cinema.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**ENGL 685. Literature of the Americas. 3 Credits.**

Two years of college-level Spanish or the equivalent strongly recommended. Multidisciplinary examination of texts and other media of the Americas, in English and Spanish, from a variety of genres.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** AMST 685, CMPL 685.

**ENGL 690. Special Topics. 3 Credits.**

Selected topics in literary studies, composition, digital media, and related fields. Topic varies by semester.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**ENGL 691H. English Senior Honors Thesis, Part I. 3 Credits.**

Restricted to senior honors candidates. First semester of senior honors thesis. Independent research under the direction of an English department faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 692H. English Senior Honors Thesis, Part II. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Essay preparation under the direction of an English department faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 693H. Creative Writing Senior Honors Thesis, Part I. 3 Credits.**

Permission of the program director. Restricted to senior honors candidates. The first half of a two-semester seminar. Each student begins a book of fiction (25,000 words) or poetry (1,000 lines). Extensive discussion of student work in class and in conferences.

**Requisites:** Prerequisites, ENGL 130, 131, 132H, or 133H; ENGL 206 or 207; and ENGL 406 or 407.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 694H. Creative Writing Senior Honors Thesis, Part II. 3 Credits.**

Permission of the program director. Restricted to senior honors candidates. The second half of a two-semester seminar. Each student completes a book of fiction or poetry. Extensive discussion of student work in class and in conferences with instructor.

**Requisites:** Prerequisites, ENGL 130, 131, 132H, or 133H; ENGL 206 or 207; ENGL 406 or 407; and ENGL 693H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENGL 695. Research Seminar. 3 Credits.**

Guides students through the processes of developing an original research topic, conducting research, and analyzing research, leading students to produce a high-quality presentation of their findings. Topic varies by instructor but may focus on literary studies or closely-related arenas such as medical humanities, digital humanities, and creative writing, among others.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

## English and Comparative Literature Major, B.A.

### Contact Information

**Department of English and Comparative Literature**

Visit Program Website (<http://englishcomplit.unc.edu>)

Greenlaw Hall, CB# 3520

(919) 962-5481

**Mary Floyd-Wilson, Chair**

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Students majoring in English and Comparative Literature study literature, film, and media of broad geographic and cultural provenance, giving them opportunities to practice comparative thinking. Moreover, students write and research about texts, film, and media inflected with markedly different generic and linguistic features, and this variety hones their research and writing skills. English and Comparative Literature majors can choose to concentrate in seven different areas:

- British and American Literature
- Comparative and World Literatures
- Creative Writing
- Film Studies
- Science, Medicine and Literature
- Social Justice and Literature
- Writing, Editing, and Digital Publishing

See the Requirements page for details on the major concentrations.

### Department Programs

**Majors**

- English and Comparative Literature Major, B.A. (p. 440)

**Minors**

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

**Graduate Programs**

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

### Student Learning Outcomes

Major concentrations in English and Comparative Literature train students to achieve specific outcomes:

- the ability to produce clear and persuasive analytical writing and/or creative writing (which demonstrates the qualities of literature)
- the acquisition of research methods
- the development of critical reading skills
- the capacity for comparative thinking
- an understanding of historical contexts

Particularly at this moment in American culture and history, we believe these skills are essential, both in the workplace and in the public sphere more broadly. The core curriculum in each concentration ensures that students gain historical breadth in their discipline in the form of surveys, as well as depth, in courses that focus on a single genre, topic, or author, which allow for a sustained emphasis on close analysis. Individual concentrations also provide additional outcomes specific to their area of study.

### Requirements

#### Core Curriculum

Code	Title	Hours
<b>Core Requirements<sup>1</sup></b>		
Survey I (select one):		3
ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	
ENGL 116	History of Writing: From Pen to Pixel	
CMPL 120	Great Books I: Epic and Lyric Traditions	
CMPL 121	Great Books I: Romancing the World <sup>H</sup>	
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	
CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	
Survey II (select one):		3
ENGL 117	Arguing on the Internet: Rhetoric in the Age of Animosity	
ENGL 121	British Literature, 19th and Early 20th Century	



ENGL 122	Introduction to American Literature <sup>H</sup>	
ENGL 124	Contemporary Literature	
ENGL 129	Literature and Cultural Diversity	
CMPL 130	Great Books II <sup>H</sup>	
CMPL 131	Great Books II: Savage, Native, Stranger, Other	
CMPL 132	Great Books II: Performance and Cultural Identity in the African Diaspora	
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	
CMPL 134	Great Books II: Travel and Identity <sup>H</sup>	
CMPL 142	Visual Culture II	
Depth Course (select one):		3
ENGL 225	Shakespeare (British) <sup>H</sup>	
ENGL 230	Milton (British) <sup>H</sup>	
ENGL 250	Faulkner (American)	
ENGL 320	Chaucer (British) <sup>H</sup>	
ENGL 340	Studies in Jane Austen (British)	
CMPL 220	Global Authors: Jane Austen (British) <sup>H</sup>	
CMPL 223	Global Authors: Cervantes	
CMPL 225	Global Authors: The Worlds of Shakespeare (British)	
Concentration (seven courses), see requirements below <sup>2</sup>		21

**Additional Requirements**

At least six (6) courses (out of 10) must be at or above the 200 level.<sup>3</sup>

Of these six (6), at least two (2) courses (out of 10) must be at the 300-level (Writing Intensive).<sup>3</sup>

Of these six (6), at least one (1) course (out of 10) must be at the 400-level (Research Intensive).<sup>3</sup>

Total Hours 30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The concentration in Film and Media Studies includes different core requirements. See the requirements for this concentration below.

<sup>2</sup> If no concentration is chosen, select seven (7) electives in ENGL and/or CMPL (excluding first-year seminars).

<sup>3</sup> Required for all concentrations except for the Creative Writing concentration.

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

**Concentration in British and American Literature**

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
Pre-1800 course (select one)		3
ENGL 225	Shakespeare <sup>1,H</sup>	
ENGL 226	Renaissance Drama <sup>1,H</sup>	
ENGL 227	Literature of the Earlier Renaissance <sup>1,H</sup>	
ENGL 228	Literature of the Later Renaissance <sup>1,H</sup>	
ENGL 230	Milton <sup>1,H</sup>	
ENGL 285	Classical Backgrounds in English Literature <sup>1</sup>	
ENGL 314	History of the English Language <sup>1</sup>	
ENGL 316	Rhetorical Traditions <sup>H</sup>	
ENGL 319	Introduction to Medieval English Literature, excluding Chaucer <sup>1,H</sup>	
ENGL 320	Chaucer <sup>1,H</sup>	
ENGL 321	Medieval and Modern Arthurian Romance <sup>1,H</sup>	
ENGL 325	Shakespeare and His Contemporaries <sup>1,H</sup>	
ENGL 326	Renaissance Genres <sup>1</sup>	
ENGL 327	Renaissance Literature and Its Intellectual Contexts <sup>1</sup>	
ENGL 330	Perspectives on the Renaissance <sup>1</sup>	
ENGL 331	18th-Century Literature <sup>1,H</sup>	
ENGL 332	18th-Century Drama <sup>1,H</sup>	
ENGL 333	18th-Century Fiction <sup>1,H</sup>	
ENGL 340	Studies in Jane Austen <sup>1</sup>	
ENGL 343	American Literature before 1860 <sup>2,H</sup>	
ENGL 430	Renaissance Literature--Contemporary Issues <sup>1</sup>	
ENGL 436	Contemporary Approaches to 18th-Century Literature and Culture <sup>1,H</sup>	
ENGL 448	Philosophies of Life from Classical Antiquity to 1800	
ENGL 619	Survey of Old and Middle English Literature <sup>1</sup>	
ENGL 620	Introduction to Old English Language and Literature <sup>1</sup>	
ENGL 621	Arthurian Romance <sup>1</sup>	
ENGL 630	Shakespeare and His Contemporaries <sup>1</sup>	
ENGL 660	War in Shakespeare's Plays <sup>1</sup>	
Post-1800 course (select one)		3
ENGL 266	Science and Literature <sup>3,H</sup>	
ENGL 269	Introduction to Disability Studies <sup>3</sup>	
ENGL 278	Irish Writing, 1800-2000 <sup>1</sup>	
ENGL 281	Literature and Media <sup>2</sup>	
ENGL 288	Literary Modernism <sup>3</sup>	
ENGL 289	Jewish American Literature and Culture of the 20th Century <sup>2</sup>	
ENGL 291	The Illustrated Book: History of Illustration in Children's Texts <sup>3</sup>	
ENGL 292	Depictions of Childhood in Literature and the Visual Arts <sup>3</sup>	
ENGL 313	Grammar of Current English	
ENGL 314	History of the English Language	

ENGL 315	English in the U.S.A. <sup>H</sup>	ENGL 638	19th-Century Women Writers <sup>3</sup>
ENGL 316	Rhetorical Traditions <sup>H</sup>	ENGL 657	English and American Literature of the 20th Century <sup>3</sup>
ENGL 317	Networked Composition	ENGL 659	War in 20th-Century Literature <sup>3,H</sup>
ENGL 318	Multimedia Composition <sup>H</sup>	ENGL 665	Queer Latina/o Literature, Performance, and Visual Art <sup>2</sup>
ENGL 337	The Romantic Revolution in the Arts <sup>1,H</sup>	ENGL 666	Queer Latina/o Photography and Literature <sup>2</sup>
ENGL 338	19th-Century British Novel <sup>1,H</sup>	ENGL 674	Digital Literature <sup>3</sup>
ENGL 344	American Literature, 1860-1900 <sup>2,H</sup>	Multi-Ethnic and Diversity course (select one) <b>3</b>	
ENGL 345	American Literature, 1900-2000 <sup>2,H</sup>	CMPL 252	Popular Culture in Modern Southeast Asia
ENGL 347	The American Novel <sup>2,H</sup>	CMPL 254	Horror and the Global Gothic: Film, Literature, Theory
ENGL 348	American Poetry <sup>2,H</sup>	ENGL 129	Literature and Cultural Diversity
ENGL 350	20th-Century British and American Poetry <sup>3,H</sup>	ENGL 134H	First-Year Honors: Women's Lives
ENGL 355	The British Novel from 1870 to World War II <sup>1,H</sup>	ENGL 137	Literature in a Digital Age: Books, E-books, and the Literary Marketplace
ENGL 356	British and American Fiction since World War II <sup>3,H</sup>	ENGL 139	Currents in Sexuality Studies <sup>3</sup>
ENGL 357	20th-Century British Literature and Culture <sup>1</sup>	ENGL 140	Introduction to Gay and Lesbian Culture and Literature <sup>3</sup>
ENGL 359	Latina Feminisms <sup>2</sup>	ENGL 155	The Visual and Graphic Narrative
ENGL 360	Contemporary Asian American Literature and Theory <sup>2</sup>	ENGL 240	Caribbean Literature
ENGL 364	Introduction to Latina/o Studies <sup>2,H</sup>	ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice <sup>2</sup>
ENGL 365	Migration and Globalization <sup>3,H</sup>	ENGL 263	Literature and Gender <sup>3,H</sup>
ENGL 367	African American Literature to 1930 <sup>2,H</sup>	ENGL 264	Healing in Ethnography and Literature
ENGL 368	African American Literature, 1930-1970 <sup>2,H</sup>	ENGL 265	Literature and Race, Literature and Ethnicity <sup>2,H</sup>
ENGL 369	African American Literature, 1970 to the Present <sup>2,H</sup>	ENGL 267	Growing Up Latina/o <sup>2</sup>
ENGL 370	Race, Health, and Narrative <sup>3,H</sup>	ENGL 269	Introduction to Disability Studies <sup>3</sup>
ENGL 373	Southern American Literature <sup>2,H</sup>	ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture <sup>2</sup>
ENGL 374	Southern Women Writers <sup>2</sup>	ENGL 270	Studies in Asian American Literature <sup>2</sup>
ENGL 375	Contemporary North Carolina Literature <sup>2</sup>	ENGL 281	Literature and Media <sup>2</sup>
ENGL 380	Film History <sup>H</sup>	ENGL 289	Jewish American Literature and Culture of the 20th Century <sup>2</sup>
ENGL 381	Literature and Cinema <sup>3</sup>	ENGL 311	The Art of the Book: Artists' Books, Zines, and the Bibliographic Imaginary in the Digital Age <sup>H</sup>
ENGL 387	Canadian Literature <sup>2</sup>	ENGL 359	Latina Feminisms <sup>2</sup>
ENGL 388	Modernism: Movements and Moments <sup>3</sup>	ENGL 360	Contemporary Asian American Literature and Theory <sup>2</sup>
ENGL 389	Major Film Directors	ENGL 361	Asian American Women's Writing <sup>2</sup>
ENGL 410	Documentary Film <sup>H</sup>	ENGL 363	Feminist Literary Theory <sup>H</sup>
ENGL 437	Chief British Romantic Writers <sup>1,H</sup>	ENGL 364	Introduction to Latina/o Studies <sup>2,H</sup>
ENGL 439	English Literature, 1832-1890 <sup>1,H</sup>	ENGL 365	Migration and Globalization <sup>3,H</sup>
ENGL 441	Romantic Literature--Contemporary Issues <sup>1,H</sup>	ENGL 366	Literature and the Other Arts <sup>3,H</sup>
ENGL 442	Victorian Literature--Contemporary Issues <sup>1</sup>	ENGL 367	African American Literature to 1930 <sup>2,H</sup>
ENGL 443	American Literature before 1860--Contemporary Issues <sup>2,H</sup>	ENGL 368	African American Literature, 1930-1970 <sup>2,H</sup>
ENGL 444	American Literature, 1860-1900--Contemporary Issues <sup>2,H</sup>	ENGL 369	African American Literature, 1970 to the Present <sup>2,H</sup>
ENGL 445	American Literature, 1900-2000--Contemporary Issues <sup>2,H</sup>	ENGL 370	Race, Health, and Narrative <sup>3,H</sup>
ENGL 462	Contemporary Poetry and Theory <sup>3,H</sup>	ENGL 371	The Place of Asian Americans in Southern Literature <sup>2,H</sup>
ENGL 463	Postcolonial Literature <sup>1,H</sup>	ENGL 377	Introduction to the Celtic Cultures <sup>1</sup>
ENGL 466	Literary Theory--Contemporary Issues <sup>H</sup>	ENGL 385	Literature and Law <sup>3</sup>
ENGL 472	African American Literature--Contemporary Issues <sup>2,H</sup>	ENGL 386	Gender, Sexuality, and the South Asian Diaspora
ENGL 475	Southern Literature--Contemporary Issues <sup>2</sup>		
ENGL 480	Digital Humanities History and Methods		
ENGL 488	Critical Security Studies		
ENGL 489	Cultural Studies--Contemporary Issues <sup>3,H</sup>		
ENGL 580	Film--Contemporary Issues <sup>H</sup>		

ENGL 387	Canadian Literature <sup>2</sup>	
ENGL 465	Difference, Aesthetics, and Affect <sup>3,H</sup>	
ENGL 467	Educating Latinas/os: Preparing SLI Mentors	
ENGL 472	African American Literature—Contemporary Issues <sup>2,H</sup>	
ENGL 475	Southern Literature—Contemporary Issues <sup>2</sup>	
ENGL 665	Queer Latina/o Literature, Performance, and Visual Art <sup>2</sup>	
ENGL 666	Queer Latina/o Photography and Literature <sup>2</sup>	
ENGL 670	Being and Race in African American Literature <sup>2</sup>	
ENGL 685	Literature of the Americas <sup>2</sup>	
Select four (4) additional courses from ENGL and/or CMPL		12
<b>Additional Requirements</b>		
In either the core or concentration requirements, students will take at least one course focused on British literature and one course focused on American literature. <sup>1,2</sup>		
Total Hours		21

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> British courses

<sup>2</sup> American courses

<sup>3</sup> Courses that could count as either British or American (with department approval).

## Concentration in Science, Medicine, and Literature

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours	
Select four (4) electives from the lists below: <sup>1</sup>			12
Courses in the department:			
CMPL 383	Literature and Medicine <sup>H</sup>		
ENGL 264	Healing in Ethnography and Literature		
ENGL 266	Science and Literature <sup>H</sup>		
ENGL 268	Medicine, Literature, and Culture <sup>H</sup>		
ENGL 269	Introduction to Disability Studies		
ENGL 300	Advanced Expository Writing		
ENGL 370	Race, Health, and Narrative <sup>H</sup>		
ENGL 610	Science as Literature: Rhetorics of Science and Medicine		
ENGL 611	Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar		
Courses outside the department (no more than two): <sup>1</sup>			
AAAD 300	Cultures of Health and Healing in Africa		
ANTH 147	Comparative Healing Systems		
ANTH 270	Living Medicine		
ANTH 319	Global Health		
ANTH 442	Health and Gender after Socialism		
ANTH 443	Cultures and Politics of Reproduction		
ANTH 444	Medicine, Politics, and Justice		
ANTH 470	Medicine and Anthropology		

ANTH 473	Anthropology of the Body and the Subject	
ANTH 474	The Anthropology of Disability	
GEOG 222	Health and Medical Geography	
HIST 329	An Introduction to the History of Medicine <sup>H</sup>	
HNRS 650	(must be taken for 3 credits)	
MEJO 560	Environmental and Science Journalism <sup>H</sup>	
PLCY 361	Health Policy and Politics	
PLCY 565	Global Health Policy	
PLCY 570	Health and Human Rights	
RELI 665	Body and Suffering in Christian Mysticism	
SOCI 422	Sociology of Mental Health and Illness	
SOCI 431	Aging	
Select three (3) additional courses from ENGL and/or CMPL		9
Total Hours		21

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than two (2) courses outside the department.

## Concentration in Social Justice and Literature

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours	
Select four (4) courses from the lists below: <sup>1</sup>			12
Courses in the department:			
ENGL 129	Literature and Cultural Diversity		
ENGL 140	Introduction to Gay and Lesbian Culture and Literature		
ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice		
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>		
ENGL 267	Growing Up Latina/o		
ENGL 269	Introduction to Disability Studies		
ENGL 270	Studies in Asian American Literature		
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture		
ENGL 359	Latina Feminisms		
ENGL 360	Contemporary Asian American Literature and Theory		
ENGL 361	Asian American Women's Writing		
ENGL 364	Introduction to Latina/o Studies <sup>H</sup>		
ENGL 367	African American Literature to 1930 <sup>H</sup>		
ENGL 368	African American Literature, 1930-1970 <sup>H</sup>		
ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>		
ENGL 370	Race, Health, and Narrative <sup>H</sup>		
ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>		
ENGL 385	Literature and Law		
ENGL 386	Gender, Sexuality, and the South Asian Diaspora		
ENGL 463	Postcolonial Literature <sup>H</sup>		
ENGL 663	Postcolonial Theory		

ENGL 665	Queer Latina/o Literature, Performance, and Visual Art	
ENGL 666	Queer Latina/o Photography and Literature	
ENGL 685	Literature of the Americas	
Courses outside the department (no more than two): <sup>1</sup>		
ENGL/PLCY 354	The Lived Experience of Inequality and Public Policy	
Select three (3) additional courses in ENGL and/or CMPL (excluding first-year seminars)		9
Total Hours		21

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than two (2) courses outside the department.

### Concentration in Writing, Editing, and Digital Publishing

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
Select one (1) course from the following list: <sup>1</sup>		
ENGL 300	Advanced Expository Writing	3
ENGL 300I	Advanced Expository Writing (Interdisciplinary)	
ENGL 301	Advanced Expository Writing for the Humanities	
ENGL 302	Advanced Expository Writing for the Social Sciences	
ENGL 303	Advanced Expository Writing for the Natural Sciences	
ENGL 304	Advanced Expository Writing for Business	
ENGL 305	Advanced Expository Writing for Law	
ENGL 318	Multimedia Composition <sup>H</sup>	
Select four (4) courses from the following lists: <sup>2</sup>		12
Courses in the department (as many as four):		
CMPL 250	Approaches to Comparative Literature <sup>H</sup>	
CMPL 251	Introduction to Literary Theory	
ENGL 127	Writing about Literature	
ENGL 130	Introduction to Fiction Writing	
ENGL 131	Introduction to Poetry Writing	
ENGL 132H	First-Year Honors: Introduction to Fiction Writing	
ENGL 133H	First-Year Honors: Introduction to Poetry Writing	
ENGL 137	Literature in a Digital Age: Books, E-books, and the Literary Marketplace	
ENGL 149	Networked and Multimedia Composition	
ENGL 150	Introductory Seminar in Literary Studies	
ENGL 283	Life Writing <sup>H</sup>	
ENGL 300	Advanced Expository Writing	
ENGL 300I	Advanced Expository Writing (Interdisciplinary)	
ENGL 301	Advanced Expository Writing for the Humanities	
ENGL 302	Advanced Expository Writing for the Social Sciences	
ENGL 303	Advanced Expository Writing for the Natural Sciences	

ENGL 304	Advanced Expository Writing for Business	
ENGL 305	Advanced Expository Writing for Law	
ENGL 307	Studies in Fiction and Poetry: Stylistics	
ENGL 313	Grammar of Current English	
ENGL 314	History of the English Language	
ENGL 315	English in the U.S.A. <sup>H</sup>	
ENGL 316	Rhetorical Traditions <sup>H</sup>	
ENGL 317	Networked Composition	
ENGL 400	Advanced Composition for Teachers	
ENGL 402	Investigations in Academic Writing and Writing Centers	
ENGL 492	Professional Writing Portfolio Development and Publication	
ENGL 674	Digital Literature	
ENGL 675	Digital Teaching	
ENGL 676	Digital Editing and Curation	
Courses outside the department (no more than two):		
AMST 475	Documenting Communities <sup>H</sup>	
BUSI 401	Management and Corporate Communication	
COMM 113	Public Speaking	
COMM 350	Practices of Cultural Studies	
COMM 432	Visual Culture	
COMM/DRAM 131	Writing for the Screen and Stage	
COMM/ENEC 375	Environmental Advocacy	
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	
DRAM 231	Playwriting I	
HIST/FOLK 670	Introduction to Oral History	
MEJO 153	Writing and Reporting	
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	
Select two (2) additional courses in ENGL and/or CMPL (excluding first-year seminars)		6
Total Hours		21

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may substitute a course from this list for the depth requirement from the core. Students would then need to select a second course from this list to fulfill the requirement for the concentration.

<sup>2</sup> No more than two (2) courses may be taken outside the department.

### Concentration in Creative Writing

In addition to the core curriculum (three courses) described above, students must complete the following requirements. No concentration courses may be taken online.

Code	Title	Hours
Select five (5) courses from one of the following options:		
<b>Fiction Track (option 1)</b>		
ENGL 130	Introduction to Fiction Writing	15

	or ENGL 132H First-Year Honors: Introduction to Fiction Writing	
ENGL 206	Intermediate Fiction Writing	
ENGL 406	Advanced Fiction Writing	
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II	
<b>Poetry Track (option 2)</b>		
ENGL 131	Introduction to Poetry Writing	
	or ENGL 133 First-Year Honors: Introduction to Poetry Writing	
ENGL 207	Intermediate Poetry Writing	
ENGL 407	Advanced Poetry Writing	
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II	
<b>Combination of Genres (option 3)<sup>1</sup></b>		
Any course from the fiction and poetry track (see above)		
ENGL 138	Introduction to Creative Nonfiction	
ENGL 208	Reading and Writing Creative Nonfiction	
ENGL 306	Playwriting	
ENGL 307	Studies in Fiction and Poetry: Stylistics	
ENGL 309	Theatrical Writing for the Puppet Stage	
ENGL 408	Collaboration: Composers and Lyricists	
ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	
ENGL 490	Creative Writing: Special Topics	
COMM 330	Introduction to Writing for Film and Television	
COMM 433	Intermediate Screenwriting	
DRAM 231	Playwriting I	
MEJO 356	Feature Writing	
Select two (2) additional courses in ENGL and/or CMPL (excluding first-year seminars)		6
Total Hours		21

<sup>1</sup> No more than two (2) courses can be taken outside the Department of English and Comparative Literature.

## Concentration in Comparative and World Literatures

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
CMPL 250	Approaches to Comparative Literature <sup>H</sup>	3
	or CMPL 251 Introduction to Literary Theory	
Select one (1) to three (3) international literature courses taught in any foreign language department (200-level or higher) <sup>1,2</sup>		3-9
Select three (3) to five (5) CMPL courses numbered CMPL 142 and above		9-15
Total Hours		21

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Foreign language departments include Asian Studies, Classics, Germanic and Slavic Languages, Romance Studies.

<sup>2</sup> At least one course should be focused on literature written in the original language.

## Concentration in Film Studies

The film studies concentration focuses on the history, theory, analysis, and politics of cinema in a global context. Students become conversant with the evolution of film genres, styles, and traditions, while exploring relationships between film and other artistic forms, including literature, painting, photography, television, and digital video. This concentration enables students to gain skills of audiovisual literacy that are necessary for navigating the many screens of our modern world.

Students pursuing the film studies concentration do not follow the core requirements described above. Instead, students must complete the following requirements (10 courses):

Code	Title	Hours
<b>Core Requirements</b>		
Survey I course (select one):		3
CMPL 143	History of Global Cinema	
Survey II course (select one):		3
CMPL 142	Visual Culture II	
CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	
CMPL 277	Myth, Fable, Novella: The Long History of the Short Story <sup>H</sup>	
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	
ENGL 255	Introduction to Media Studies	
ENGL 380	Film History <sup>H</sup>	
ENGL 381	Literature and Cinema	
Depth course (select one):		3
CMPL 212	The Cinematic City	
CMPL 225	Global Authors: The Worlds of Shakespeare	
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	
CMPL 262	Film and Politics	
CMPL 280	Film Genres	
CMPL/ASIA 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	
CMPL 463	Cinema and Surrealism	
CMPL 494	Cinematic Uses of the Essay Form	
ENGL 389	Major Film Directors	
ENGL 410	Documentary Film <sup>H</sup>	
Methods/Critical Approach course (select one):		3
CMPL 240	Introduction to Film Theory	
	or ENGL 680 Film Theory	
Foundational course (select one):		3
ENGL 142	Film Analysis <sup>H</sup>	
Film elective courses (select five):		15
AAAD 250	The African American in Motion Pictures: 1900 to the Present	
AMST 268	American Cinema and American Culture	
AMST 336	Native Americans in Film	
ARAB 453	Film, Nation, and Identity in the Arab World	
ASIA 124	Iranian Post-1979 Cinema	
ASIA 231	Bollywood Cinema	



ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	COMM 683	Moving-Image Avant-Gardes and Experimentalism
ASIA 435	The Cinemas of the Middle East and North Africa	ENGL 251	Film Performance and Stardom
ASIA/CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	ENGL 323	American Cinema of the 1970s: New Hollywood and Beyond
CHIN 244	Introduction to Modern Chinese Culture through Cinema	ENGL 324	Creating the Video Essay
CHIN 464	The City in Modern Chinese Literature and Film	ENGL 380	Film History <sup>H</sup>
CMPL 144	Film and Media Culture	ENGL 410	Documentary Film <sup>H</sup>
CMPL 180	Race and Ethnicity in Hollywood Productions and Beyond	ENGL 465	Difference, Aesthetics, and Affect <sup>H</sup>
CMPL 212	The Cinematic City	ENGL 580	Film—Contemporary Issues <sup>H</sup>
CMPL 220	Global Authors: Jane Austen <sup>H</sup>	ENGL 663	Postcolonial Theory
CMPL 223	Global Authors: Cervantes	FREN 373	French New Wave Cinema
CMPL 225	Global Authors: The Worlds of Shakespeare	FREN 388	History of French Cinema I: 1895-1950
CMPL 227	Global Authors: The Middle Ages in World Cinema	FREN 505	African Francophone Cinema
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	GERM 265	Hitler in Hollywood: Cinematic Representations of Nazi Germany
CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	GERM 275	History of German Cinema
CMPL 262	Film and Politics	GERM 281	The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI
CMPL/GSLL 281	Holocaust Cinema in Eastern Europe	GERM/WGST 250	Women in German Cinema
CMPL/RUSS 282	Russian Literature in World Cinema	GSLL 283	Hungarian Cinema since World War II
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	ITAL 333	Italian Film and Culture
CMPL 382	Film and Nature	ITAL 335	Themes in Italian Film
CMPL 420	Film, Photography, and the Digital Image	ITAL 340	Italian America in Literature and Film
CMPL 452	The Middle Ages	JAPN 490	Topics in Japanese Language and Literature
CMPL 463	Cinema and Surrealism	PORT 388	Portuguese, Brazilian, and African Identity in Film
CMPL 494	Cinematic Uses of the Essay Form	SPAN 361	Hispanic Film
CMPL 452	The Middle Ages		
CMPL/EURO/FREN 332H	Cultural Diversity in Francophone Cinema		
COMM/DRAM 131	Writing for the Screen and Stage		
COMM 230	Audio/Video/Film Production and Writing		
COMM 330	Introduction to Writing for Film and Television		
COMM 331	Writing the Short Film		
COMM/WGST 345	Women in Film		
COMM 412	Critical Theory		
COMM 431	Advanced Audio Production		
COMM 452	Film Noir		
COMM 534	Aesthetic and Technical Considerations in Making Short Videos		
COMM 546	History of Film I, 1895 to 1945		
COMM 547	History of Film II, 1945 to Present		
COMM 550	American Independent Cinema		
COMM 551	Hitchcock and the Sign		
COMM 635	Documentary Production		
COMM 653	Experimental Video		
COMM 654	Motion Graphics, Special Effects, and Compositing		
COMM 681	Contemporary Film Theory		
COMM 682	History of the Moving Image: Pasts, Presents, Futures		

#### Additional Requirements

At least six (6) courses (out of 10) must be at or above the 200 level.

At least two (2) courses (out of 10) must be at the 300-level (Writing Intensive).

At least one (1) course (out of 10) must be at the 400-level (Research Intensive).

Total Hours 30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in English and Comparative Literature

### Honors in English and Comparative Literature

The department offers at least two honors seminars each semester. In addition, students seeking a degree with honors in English and Comparative Literature (a 3.3 cumulative grade point average and a 3.6 grade point average in major courses required) undertake a year-long independent project during their senior year (ENGL 691H and ENGL 692H or CMPL 691H and CMPL 692H) and usually produce a 40- to 70-page thesis under the direction of a faculty member. Students pursuing a degree with honors normally meet every week with the professors supervising their projects. This opportunity for individually directed research and writing often proves to be a high point of the student's academic career.

## Honors in Creative Writing

See "Creative Writing Minor (p. 449)."

## Study Abroad

Some of the best programs offered at the University for study overseas are especially appropriate and useful to majors in the Department of English and Comparative Literature. These include semester or year-long programs at Bristol, Manchester, Sussex, Edinburgh, Glasgow, and certain Australian universities. Students who have a minimum grade point average of 3.3 at the end of their sophomore year can participate in the King's College Exchange Program at King's College, London (representing either English or comparative literature). Special opportunities are also available at Oxford University and through the Joint Degree Program with the National University of Singapore. Comparative literature students most frequently travel to non-English-speaking destinations. For information on all overseas programs, see the Study Abroad Office. (<http://studyabroad.unc.edu>)

## Comparative Literature Minor

### Contact Information

#### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

#### Mary Floyd-Wilson, Chair

#### Hilary Lithgow, Lecturer-Advisor

[lithgow@email.unc.edu](mailto:lithgow@email.unc.edu)

#### Jennifer Larson, Director of Undergraduate Studies

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The comparative literature minor offers students flexibility to develop creative approaches to international literature and film, while placing a strong emphasis on foreign language learning and training in theory. The program encourages students to develop rigorous analytic skills and excellent communication skills applicable to a wide range of fields.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)

- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One course from Great Books I (CMPL courses numbered between 120 and 129)		3
One course from Great Books II (CMPL courses numbered between 130 and 142)		3
Three additional courses numbered between CMPL 200 and CMPL 699		9
<b>Total Hours</b>		<b>15</b>

Courses cross-listed between comparative literature and classics may not be counted for a minor in comparative literature by students majoring in classics.

### Great Books I:

Code	Title	Hours
CMPL 120	Great Books I: Epic and Lyric Traditions	3
CMPL 121	Great Books I: Romancing the World <sup>H</sup>	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3
CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Great Books II:

Code	Title	Hours
CMPL 130	Great Books II <sup>H</sup>	3
CMPL 131	Great Books II: Savage, Native, Stranger, Other	3
CMPL 132	Great Books II: Performance and Cultural Identity in the African Diaspora	3
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	3
CMPL 134	Great Books II: Travel and Identity <sup>H</sup>	3
CMPL 142	Visual Culture II	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Comparative Literature (CMPL) course descriptions (p. 413).

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/comparative-literature-major-ba/#opportunities>) for special opportunities.

## Composition, Rhetoric, and Digital Literacy Minor

### Contact Information

#### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

#### Daniel Anderson, Program Director

[iamdan@unc.edu](mailto:iamdand@unc.edu)

#### Mary Floyd-Wilson, Chair

#### Hilary Lithgow, Lecturer-Advisor

[lithgow@email.unc.edu](mailto:lithgow@email.unc.edu)

#### Jennifer Larson, Director of Undergraduate Studies

[jlanson@email.unc.edu](mailto:jlanson@email.unc.edu)

The minor in composition, rhetoric, and digital literacy emphasizes both conceptual and practical concerns related to composing, digital culture, and communication. Our courses involve hands-on, communication-intensive work and range from advanced writing classes to courses covering networked and multimedia composition.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC-Chapel Hill

- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor requires 15 hours and may be earned by taking five courses in the minor or completing four courses and a capstone project as a fifth, independent study course.

Code	Title	Hours
<b>Core Requirements</b>		
One of the following courses:		3
ENGL 300	Advanced Expository Writing	
ENGL 300I	Advanced Expository Writing (Interdisciplinary)	
ENGL 301	Advanced Expository Writing for the Humanities	
ENGL 302	Advanced Expository Writing for the Social Sciences	
ENGL 303	Advanced Expository Writing for the Natural Sciences	
ENGL 304	Advanced Expository Writing for Business	
ENGL 305	Advanced Expository Writing for Law	
ENGL 318	Multimedia Composition <sup>H</sup>	
Four additional courses from the following three lists, one of which must be an ENGL course from list one:		12
List one courses below		
One additional communication intensive (CI) course above 100, beyond the CI Connections (p. 27) requirement; any CI course above 100 is eligible but recommended courses appear below		
ENGL 496	Independent Research <sup>1</sup>	
or ENGL 691H/692H	English Senior Honors Thesis, Part I	
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> These courses permit students to complete an electronic portfolio, a service-learning assignment, a writing internship with a reflection paper, an honors project, or a capstone project to be determined in consultation with a faculty member.

### List One Courses

Code	Title	Hours
ENGL 127	Writing about Literature	3
ENGL 130	Introduction to Fiction Writing	3
ENGL 131	Introduction to Poetry Writing	3
ENGL 132H	First-Year Honors: Introduction to Fiction Writing	3
or ENGL 133H	First-Year Honors: Introduction to Poetry Writing	
ENGL 137	Literature in a Digital Age: Books, E-books, and the Literary Marketplace	3
ENGL 149	Networked and Multimedia Composition	3
ENGL 150	Introductory Seminar in Literary Studies	3
ENGL 283	Life Writing <sup>H</sup>	3
ENGL 300	Advanced Expository Writing	3
ENGL 300I	Advanced Expository Writing (Interdisciplinary)	3

ENGL 301	Advanced Expository Writing for the Humanities	3
ENGL 302	Advanced Expository Writing for the Social Sciences	3
ENGL 303	Advanced Expository Writing for the Natural Sciences	3
ENGL 304	Advanced Expository Writing for Business	3
ENGL 305	Advanced Expository Writing for Law	3
ENGL 307	Studies in Fiction and Poetry: Stylistics	3
ENGL 313	Grammar of Current English	3
ENGL 314	History of the English Language	3
ENGL 315	English in the U.S.A. <sup>H</sup>	3
ENGL 316	Rhetorical Traditions <sup>H</sup>	3
ENGL 317	Networked Composition	3
ENGL 400	Advanced Composition for Teachers	3
ENGL 402	Investigations in Academic Writing and Writing Centers	3
ENGL 492	Professional Writing Portfolio Development and Publication	3
ENGL 674	Digital Literature	3
ENGL 675	Digital Teaching	3
ENGL 676	Digital Editing and Curation	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Additional Communication Intensive (CI) Course

Code	Title	Hours
AMST 475	Documenting Communities <sup>H</sup>	3
BUSI 401	Management and Corporate Communication	3
CMPL 250	Approaches to Comparative Literature <sup>H</sup>	3
CMPL 251	Introduction to Literary Theory	3
COMM 113	Public Speaking	3
COMM 350	Practices of Cultural Studies	3
COMM 432	Visual Culture	3
COMM/DRAM 131	Writing for the Screen and Stage	3
COMM/ENEC 375	Environmental Advocacy	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
DRAM 231	Playwriting I	3
HIST/FOLK 670	Introduction to Oral History	3
MEJO 153	Writing and Reporting	3
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

## Creative Writing Minor

### Contact Information

#### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)

Greenlaw Hall, CB# 3520

(919) 962-5481

#### Daniel Wallace

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#### Mary Floyd-Wilson, Chair

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#### Jennifer Larson, Director of Undergraduate Studies

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The undergraduate creative writing program at UNC–Chapel Hill is — and has long been — one of the best in the country. Its first-rate faculty and students have published widely, won many prizes, and played a major role in shaping the contemporary literature of North Carolina, the South, and the nation.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The Creative Writing Program offers a minor in creative writing. The minor requires 15 hours, a total of five courses, and may be earned in one of two ways:

1. by completing introductory, intermediate, advanced, and two-semester senior honors classes in one genre; or
2. by completing five courses in any combination of genres.

Students need to begin work toward the minor at least by their sophomore year and may take one creative writing class per semester. Enrollment in courses beyond the introductory level is by permission only. Students must seek permission from the program's director to declare the minor once they have taken two creative writing courses and are on track to graduate. Completion of a minor in creative writing is contingent on the student's successful advancement through the sequence.

The Creative Writing Program also gives credit toward the minor for several courses offered in other departments, such as DRAM 231, COMM 330, COMM 433, and MEJO 356. To qualify for a degree with honors or highest honors in creative writing, students must maintain a 3.3 grade point average and meet all requirements both to enter and to complete the senior honors seminar (ENGL 693H and ENGL 694H). Students minoring in creative writing and planning to study abroad must plan carefully so that they meet all submission and deadline requirements for applying to successive courses. Writing classes offered by the UNC Friday Center for Continuing Education (correspondence, independent study, online) do not count toward the minor.

### Fiction Track:

Code	Title	Hours
ENGL 130 or ENGL 132H	Introduction to Fiction Writing First-Year Honors: Introduction to Fiction Writing	3
ENGL 206	Intermediate Fiction Writing	3
ENGL 406	Advanced Fiction Writing	3
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II (a yearlong, two-semester senior workshop, which counts as two courses and can lead to graduation with honors or with highest honors in creative writing)	6

### Poetry Track:

Code	Title	Hours
ENGL 131 or ENGL 133H	Introduction to Poetry Writing First-Year Honors: Introduction to Poetry Writing	3
ENGL 207	Intermediate Poetry Writing	3
ENGL 407	Advanced Poetry Writing	3
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II (a yearlong, two-semester senior workshop, which counts as two courses and can lead to graduation with honors or with highest honors in creative writing)	6

### Other creative writing courses include:

Code	Title	Hours
ENGL 138	Introduction to Creative Nonfiction	3
ENGL 208	Reading and Writing Creative Nonfiction	3
ENGL 210	Writing Young Adult Literature	3

ENGL 306	Playwriting	3
ENGL 307	Studies in Fiction and Poetry: Stylistics	3
ENGL 309	Theatrical Writing for the Puppet Stage	3
ENGL 408	Collaboration: Composers and Lyricists	3
ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	3
ENGL 490	Creative Writing: Special Topics	3

ENGL 130, ENGL 131, ENGL 132H, ENGL 133H, and ENGL 138, the introductory classes, are prerequisites to other Creative Writing Program classes. ENGL 130, ENGL 131, and ENGL 138 are open for registration by rising sophomores only during spring semester for the following fall and for current sophomores only during fall semester for the following spring. Rising or current sophomores may register for ENGL 130, ENGL 131, or ENGL 138, but not for more than one of these three courses. Demand by sophomores regularly exceeds the number of seats available. Enrollment of juniors and seniors is on a space-available basis by permission of the instructor, and students may inquire of the instructor during the first week of classes to see if seats are available. ENGL 130, ENGL 131, and ENGL 138 are sometimes offered during summer sessions with no registration restrictions. Please always review summer session course listings for any changes or updates.

Advancement to successive courses in either the fiction or poetry sequence is by recommendation of the student's previous instructor(s) and by application for both the advanced workshops and senior honors seminars. If possible, the student is assigned to a different instructor for each course. Should students not advance beyond the intermediate level, they may choose to finish the minor with other classes offered in creative writing. Creative writing minors receive priority in all creative writing classes and usually fill all seats.

Students completing the five courses for the minor may take additional creative writing courses only by permission of the director, providing that all other students still completing the minor are served first.

Again, please note that online courses do not count towards the creative writing minor.

### Transfer Students: Important Information

The requirement for taking a minor in creative writing is five courses or 15 semester hours. Students are limited to one creative writing course per semester. Most junior transfer students have four semesters remaining. Junior transfer students wanting to minor in creative writing must either

1. Have an introductory course already on their record that will transfer to Carolina as credit, e.g., an introductory course in fiction writing or poetry writing taken previously at a college or university that is transferring in as credit for ENGL 130 or ENGL 131; OR
2. Take an introductory course via UNC-Chapel Hill Summer School prior to their first fall term at Carolina and be promoted to the next level or to another creative writing class (on a space-available basis) in the fall of their junior year.

Permission to move forward with transfer credit for an introductory course requirement (Option 1 above) will require a review by the creative writing faculty of the syllabus and work completed in the course and is dependent on space availability, which cannot be guaranteed. Students must provide hard copies of syllabi and samples of coursework as early as possible in order to ensure time for review and to schedule a meeting with the director.



Junior transfer students fulfilling one of these two options would be eligible for Advanced Fiction or Poetry (ENGL 406 or ENGL 407) and the senior honors seminars (ENGL 693H and ENGL 694H) if there is space available in Intermediate Fiction (ENGL 206) or Intermediate Poetry (ENGL 207) their first fall semester, and if — on the basis of submitted work reviewed by a committee — they are chosen for those classes. If not, they would need to complete the minor using the multigenre approach.

*Note: No more than two creative writing courses from other schools may be counted for credit at UNC–Chapel Hill. At least three of the five courses taken for the minor — courses designated ENGL — must be Creative Writing Program courses taken at Carolina.*

## Honors in Creative Writing

To qualify for a degree with honors or highest honors in creative writing, students must maintain a 3.3 grade point average and meet all requirements both to enter and to complete the senior honors seminar (ENGL 693H and ENGL 694H).

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for additional special opportunities.

## English Minor

### Contact Information

**Department of English and Comparative Literature**  
Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

**Mary Floyd-Wilson, Chair**

**Hilary Lithgow, Lecturer-Advisor**  
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**Jennifer Larson, Director of Undergraduate Studies**  
jl Larson@email.unc.edu

The Department of English and Comparative Literature is a vibrant and diverse department with a global reach. Our course offerings present a diversity of approaches to the study, production, and appreciation of literary and nonliterary texts.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The English minor consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	3
One American literature course numbered between ENGL 200 and ENGL 699 from the course list below		3
Three courses numbered between ENGL 200 and ENGL 699		9
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

English (ENGL) course descriptions (p. 413).

## American Literature Course

Code	Title	Hours
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ENGL 270	Studies in Asian American Literature	3
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3
ENGL 289	Jewish American Literature and Culture of the 20th Century	3
ENGL 315	English in the U.S.A. <sup>H</sup>	3
ENGL 343	American Literature before 1860 <sup>H</sup>	3
ENGL 344	American Literature, 1860-1900 <sup>H</sup>	3
ENGL 345	American Literature, 1900-2000 <sup>H</sup>	3
ENGL 347	The American Novel <sup>H</sup>	3
ENGL 348	American Poetry <sup>H</sup>	3
ENGL 350	20th-Century British and American Poetry <sup>H</sup>	3
ENGL 356	British and American Fiction since World War II <sup>H</sup>	3
ENGL 359	Latina Feminisms	3
ENGL 360	Contemporary Asian American Literature and Theory	3
ENGL 361	Asian American Women's Writing	3
ENGL 367	African American Literature to 1930 <sup>H</sup>	3
ENGL 368	African American Literature, 1930-1970 <sup>H</sup>	3
ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>	3

ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
ENGL 373	Southern American Literature <sup>H</sup>	3
ENGL 374	Southern Women Writers	3
ENGL 375	Contemporary North Carolina Literature	3
ENGL 443	American Literature before 1860–Contemporary Issues <sup>H</sup>	3
ENGL 444	American Literature, 1860-1900–Contemporary Issues <sup>H</sup>	3
ENGL 445	American Literature, 1900-2000–Contemporary Issues <sup>H</sup>	3
ENGL 446	American Women Authors <sup>H</sup>	3
ENGL 472	African American Literature–Contemporary Issues <sup>H</sup>	3
ENGL 475	Southern Literature–Contemporary Issues	3
ENGL 657	English and American Literature of the 20th Century	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

## Global Cinema Minor

### Contact Information

#### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

#### Rick Warner, Program Director

[crwarner@email.unc.edu](mailto:crwarner@email.unc.edu)

#### Mary Floyd-Wilson, Chair

#### Hilary Lithgow, Lecturer-Advisor

[lithgow@email.unc.edu](mailto:lithgow@email.unc.edu)

#### Jennifer Larson, Director of Undergraduate Studies

[jl Larson@email.unc.edu](mailto:jl Larson@email.unc.edu)

The global cinema minor offers an interdisciplinary minor in global cinema studies. This program enables students to explore the changing global face of cinema in its aesthetic, economic, historical, linguistic, literary, and social contexts. Students select a flexible, rigorous, and exciting course of study of the place of film within and across human cultures. The minor aims to provide undergraduates with grounding in the history of cinema's development across the world as well as current trends and developments in global film production. The minor places a particular emphasis on the development of students' critical judgment and written expression. Undergraduate students majoring in any academic unit are eligible.

### Department Programs

#### Majors

- English and Comparative Literature Major, B.A. (p. 440)

#### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

#### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The interdisciplinary minor consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
ARTH 159	The Film Experience: Introduction to the Visual Study of Film	3
or ENGL 142	Film Analysis	
CMPL 143	History of Global Cinema	3
Three electives from at least two different departments, chosen from the list below		9
Total Hours		15

For additional information, contact the director of the global cinema minor.

### Electives

Code	Title	Hours
AAAD 250	The African American in Motion Pictures: 1900 to the Present	3
AMST 268	American Cinema and American Culture	3
AMST 336	Native Americans in Film	3
ARAB 453	Film, Nation, and Identity in the Arab World	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA 231	Bollywood Cinema	3
ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA 435	The Cinemas of the Middle East and North Africa	3
ASIA/CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3

ASIA/CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction H	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	3
CMPL 280	Film Genres	3
CMPL 282	Russian Literature in World Cinema	3
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	3
CMPL 382	Film and Nature	3
CMPL 420	Film, Photography, and the Digital Image	3
CMPL 463	Cinema and Surrealism	3
CMPL 494	Cinematic Uses of the Essay Form	3
CMPL/EURO/ FREN 332H	Cultural Diversity in Francophone Cinema	3
CMPL/GSLL 281	Holocaust Cinema in Eastern Europe	3
COMM 230	Audio/Video/Film Production and Writing	3
COMM 412	Critical Theory	3
COMM 431	Advanced Audio Production	3
COMM 452	Film Noir	3
COMM 534	Aesthetic and Technical Considerations in Making Short Videos	3
COMM 546	History of Film I, 1895 to 1945	3
COMM 547	History of Film II, 1945 to Present	3
COMM 550	American Independent Cinema	3
COMM 551	Hitchcock and the Sign	3
COMM 635	Documentary Production	3
COMM 647	Advanced Projects in Media Production	3
COMM 653	Experimental Video	3
COMM 654	Motion Graphics, Special Effects, and Compositing	3
COMM 681	Contemporary Film Theory	3
COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 683	Moving-Image Avant-Gardes and Experimentalism	3
COMM/WGST 345	Women in Film	3
ENGL 143	Film and Culture	3
ENGL 380	Film History <sup>H</sup>	3
ENGL 389	Major Film Directors	3
ENGL 410	Documentary Film <sup>H</sup>	3
ENGL 580	Film—Contemporary Issues <sup>H</sup>	3
ENGL 663	Postcolonial Theory	3
ENGL 680	Film Theory	3
FREN 373	French New Wave Cinema	3
GERM 265	Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
GERM 275	History of German Cinema	3
GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
GERM/WGST 250	Women in German Cinema	3
GSLL 283	Hungarian Cinema since World War II	3
ITAL 333	Italian Film and Culture	3
ITAL 335	Themes in Italian Film	3

ITAL 340	Italian America in Literature and Film	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

## Latina/o Studies Minor

### Contact Information

#### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

#### María DeGuzmán, Program Director

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#### Mary Floyd-Wilson, Chair

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Latina/o studies is constituted from the transdisciplinary study of Latina/o cultural production and experience in terms of a whole variety of factors. Latinas/os are defined as people of Latin American and Iberian descent living and working or based in the United States, but also moving between the United States and the rest of the Americas. Latina/o studies takes as its primary concern the presence of Latin America, Spain, and the myriad combinations of Hispanic-Native-African-Asian and European non-Hispanic cultures within the borders of the United States. However, Latina/o studies is not confined within those borders to the extent that its subjects of study (and the very creators of the field itself) are in motion and in flux, coming and going, crossing borders and boundaries. In this respect it shares some of the transnational and transcultural scope, momentum, and issues of Latin American studies but with its own foci, its own perspectives. Latina/o studies does not duplicate the work of Latin American studies; it draws on it and complements it.

Latina/o studies encompasses Chicana/o studies, Puerto Rican studies, Cuban American studies, Dominican studies, Central American studies, South American studies, and so forth. It takes into account the cultural production and the socioeconomic and political experiences of a diverse population located in many parts of the country, not just in the Southwest borderlands.

The main stipulation of the minor is that students must take a combination of courses in the humanities (literatures and cultural production) and the social sciences (communities and cultural space), some of which have been designated as core courses and others as electives. Students who feel they need a basic introduction to Latina/o studies should take ENGL 364.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Requirements for the five-course minor in Latina/o studies are as follows:

Code	Title	Hours
<b>Core Requirements</b>		
	One humanities/fine arts course in Latina/o literatures and cultural production (see list below)	3
	One course in social sciences or Latina/o communities and cultural space (see list below)	3
	Three elective courses chosen from the two lists below or from AAAD 260 or DRAM 486.	9
	<b>Total Hours</b>	<b>15</b>

### Humanities/Fine Arts Course in Latina/o Literatures and Cultural Production

Code	Title	Hours
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3
DRAM 288	Theatre for Social Change	3
DRAM 488	United States Latino/a Theatre	3
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ENGL 267	Growing Up Latina/o	3
ENGL 359	Latina Feminisms	3
ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
ENGL 465	Difference, Aesthetics, and Affect <sup>H</sup>	3
ENGL 467	Educating Latinas/os: Preparing SLI Mentors	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3

ENGL/WGST 666	Queer Latina/o Photography and Literature	3
ENGL/AMST/CMPL 685	Literature of the Americas	3
HIST 241	History of Latinos in the United States	3
HIST 561	The American Colonial Experience	3
MUSC 147	Introduction to the Music of the Americas	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
SPAN 389	Outside Cuba: Diasporic Literature and Culture	3
SPAN 398	Undergraduate Seminar in Literature and Culture	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	Introduction to Latina Literature	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Social Sciences or Latina/o Communities and Cultural Space

Code	Title	Hours
AAAD 278	Black Caribbeans in the United States	3
AAAD 290	Topics in African, African American, and Diaspora Studies	3
AAAD 340	Diaspora Art and Cultural Politics	3
ANTH/FOLK 130	Anthropology of the Caribbean	3
ENGL 467	Educating Latinas/os: Preparing SLI Mentors	3
GEOG 56	First-Year Seminar: Local Places in a Globalizing World (first-year students only)	3
GEOG 423	Social Geography	3
GEOG 542	Neighborhoods and Health	3
MEJO 443	Latino Media Studies	3
PLCY 349	Immigration Policy in the 21st Century	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	Introduction to Latina Literature	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

## Medicine, Literature, and Culture Minor

### Contact Information

**Department of English and Comparative Literature**  
Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

**Ritchie Kendall, Assistant Dean, Honors Carolina**

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**Jennifer Larson, Director of Undergraduate Studies**

jl Larson@email.unc.edu

The interdisciplinary honors minor in medicine, literature, and culture was developed in collaboration with Honors Carolina and the Department of Social Medicine in the UNC School of Medicine. It encourages students to explore the cultural and historical dimensions of medical practice by viewing the practice of medicine not simply as an application of chemical and biological analyses of and interventions in the functioning of the human body but also as a cultural practice embedded in changing ideas of disease, health, doctors, patients, medical institutions, and ethics. The minor is available to students accepted into Honors Carolina and to any undergraduate student who has achieved and maintains a grade point average of 3.00 or better.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 440)

### Minors

- Comparative Literature Minor (p. 447)
- Composition, Rhetoric, and Digital Literacy Minor (p. 448)
- Creative Writing Minor (p. 449)
- English Minor (p. 451)
- Global Cinema Minor (p. 452)
- Latina/o Studies Minor (p. 453)
- Medicine, Literature, and Culture Minor (p. 454)

### Graduate Programs

- Ph.D. in English and Comparative Literature (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>)
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature>) with a Concentration in Literature, Medicine, and Culture

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Five courses representing at least three different subject codes:		15
ENGL 268H	Medicine, Literature, and Culture	

Four additional courses in at least two additional subject codes	
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Total Hours	15
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Options for additional courses include, but are not limited to, the following courses:

Code	Title	Hours
AAAD 300	Cultures of Health and Healing in Africa	3
AAAD 387	HIV/AIDS in Africa and the Diaspora	3
ANTH 147	Comparative Healing Systems	3
ANTH 270	Living Medicine	3
ANTH 319	Global Health	3
ANTH 444	Medicine, Politics, and Justice	3
ANTH 474	The Anthropology of Disability	3
ANTH 272/ ENGL 264	Healing in Ethnography and Literature	3
ANTH/FOLK 470	Medicine and Anthropology	3
ANTH/FOLK 473	Anthropology of the Body and the Subject	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3
CMPL 383	Literature and Medicine <sup>H</sup>	3
ENGL 266	Science and Literature <sup>H</sup>	3
ENGL 269	Introduction to Disability Studies	3
ENGL 370	Race, Health, and Narrative <sup>H</sup>	3
ENGL 610	Science as Literature: Rhetorics of Science and Medicine	3
ENGL 611	Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3
GEOG 222	Health and Medical Geography	3
HIST 329	An Introduction to the History of Medicine <sup>H</sup>	3
HNRS 650		1-6
MEJO 560/ HBEH 660/ HPM 550	Environmental and Science Journalism <sup>H</sup>	3
PLCY 361	Health Policy and Politics	3
PLCY/HPM 565	Global Health Policy	3
PLCY 570/ HPM 571	Health and Human Rights	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
SOCI 422	Sociology of Mental Health and Illness	3
SOCI 431	Aging	3
SOCI 469	Health and Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Additional courses can be applied to the requirements for this minor with the approval of the advisor for the minor.

At least three courses used to fulfill requirements for the minor must be counted exclusively in the minor and cannot be double-counted with a major or second minor. A minimum of 12 hours of C (not C-) or better is required in the minor. All courses must be taken for a standard letter



grade, with the exception of one course (three to four credit hours) of By-Examination (BE) credit.

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

# ENVIRONMENT, ECOLOGY, AND ENERGY PROGRAM

## Contact Information

### Environment, Ecology, and Energy Program

Visit Program Website (<http://www.cee.unc.edu>)

3301 Venable Hall, CB# 3275

(919) 962-1270

### Jaye E. Cable, Chair

[jecable@email.unc.edu](mailto:jecable@email.unc.edu)

### Amy E. Cooke, Director of Undergraduate Studies

[amycooke@unc.edu](mailto:amycooke@unc.edu)

### Violet Anderson, Student Services Manager

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## Introduction

The Environment, Ecology, and Energy Program offers diverse and multidisciplinary undergraduate degree programs in environmental science (B.S.) and environmental studies (B.A.). Faculty throughout the University, including the College of Arts and Sciences and the schools of business, government, law, and public health, mentor students through courses, internships, and research opportunities. This unique approach provides students an opportunity to explore the knowledge base needed to understand the environment and its relationship to society, as well as the applications of that knowledge in areas such as environmental modeling; aquatic systems; environmental behavior and decisions; environmental change and human health; ecology, conservation, and biodiversity; and population and the environment. The degrees combine traditional classroom teaching with extensive use of interdisciplinary, team-based projects, internships, study abroad opportunities, and research.

## Advising

The Environment, Ecology, and Energy Program maintains an advising system for students with an environmental interest. Students are encouraged to contact the director of undergraduate studies as early as they wish in their academic plan to discuss options and be assigned to a faculty advisor. Students may use the advising system from the time they enter UNC–Chapel Hill, obtaining advice from specialists in the various environmental fields. This advising system includes opportunities to meet with professionals from government, industry, and consulting to learn about the skills needed to work effectively in those fields if students are interested. In addition we routinely schedule seminars and host visitors who showcase career opportunities by their example in their respective fields.

## Facilities

Program faculty and staff, including the EcoStudio Internship Incubator, occupy offices and laboratories in Venable/Murray Halls (third floor).

Faculty are also located at facilities in Manteo, Morehead City, and Highlands, N.C.

## Graduate School and Career Opportunities

A major in environmental science or studies prepares students for a variety of career options, including marine scientist, ecologist,

environmental modeler, environmental policy maker, conservation advocate, land use planner, and environmental educator. Combining either major with other studies at the undergraduate or graduate level can lead to careers as an environmental lawyer, epidemiologist, or environmental geneticist, to cite a few examples.

### Majors

- Environmental Studies, B.A. (p. 466)
- Environmental Science, B.S. (p. 473)
- Dual Bachelor's-Master's Degree Programs (p. 472)

### Minors

- Environmental Science and Studies Minor (p. 480)
- Food Studies Minor (p. 481)
- Sustainability Studies Minor (p. 482)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Affiliated Professors

Carol Arnosti (Marine Sciences), Larry Benninger (Geological Sciences), John Bruno (Biology), Jaye Cable (Marine Sciences), Jim Costa (Western Carolina University), Barbara Entwisle (Sociology), Pat Gensel (Biology), Donald Hornstein (School of Law), Rich Kamens (Environmental Sciences and Engineering), Andrew Keeler (East Carolina University), Joel Kingsolver (Biology), Jonathan Lees (Geological Sciences), Paul Leslie (Anthropology), Richard Luettich (Institute for Marine Sciences), Doug MacLean (Philosophy), Christopher Martens (Marine Sciences), Brent McKee (Marine Sciences), Timothy McKeown (Political Science), Charles Mitchell (Biology), Rachel Noble (Institute for Marine Sciences), Hans Paerl (Institute for Marine Sciences), Robert Peet (Biology), Charles Peterson (Institute for Marine Sciences), David Pfennig (Biology), Karin Pfennig (Biology), Michael Piehler (Institute for Marine Sciences), Jose Rial (Geological Sciences), Al Segars (Kenan–Flagler Business School), Maria Servedio (Biology), Conghe Song (Geography), Donna Surge (Geological Sciences), Andreas Teske (Marine Sciences), Stephen Walsh (Geography), Peter White (Biology), Dale Whittington (City and Regional Planning), Haven Wiley (Biology), Andrew Yates (Economics).

## Affiliated Associate Professors

Marc Alperin (Marine Sciences), Todd Bendor (City and Regional Planning), Clark Gray (Geography), Allen Hurlbert (Biology), Pamela Jagger (Public Policy), Nikhil Kaza (City and Regional Planning), Chip Konrad (Geography), Adrian Marchetti (Marine Sciences), Aaron Moody (Geography), Laura J. Moore (Geological Sciences), Tamlin Pavelsky (Geological Sciences), Keith Sockman (Biology), Jill Stewart (Environmental Sciences and Engineering), Jason Surratt (Environmental Sciences and Engineering), Colin West (Anthropology), Jason West (Environmental Sciences and Engineering), Erika Wise (Geography).

## Affiliated Assistant Professors

Karl Castillo (Marine Sciences), Xiaodong Chen (Geography), Diego Riveros-Iregui (Geography), Caroline Tucker (Biology).

## Research Faculty

Richard Andrews (emeritus, Public Policy), Dick Bilsborrow (Biostatistics), Elizabeth Dickinson (Kenan–Flagler Business School), Lindsay Dubbs (Coastal Studies Institute), David McNelis (Institute for the Environment), Johnny Randall (NC Botanical Gardens), Elizabeth Shay (Appalachian State University), Alan Weakley (NC Botanical Gardens), Gary Wein (Highlands Trust).

## Teaching Associate Professors

Geoffrey Bell, Amy Cooke, Greg Gangi.

## Teaching Assistant Professors

Lama BouFajreldin, Leda Gerber Van Doren, James Umbanhower.

## Lecturer

Brian Naess.

## ENEC–Environment and Ecology

### Undergraduate-level Courses

**ENEC 51. First-Year Seminar: Balancing the Environment: Science, Human Values, and Policy in North Carolina. 3 Credits.**

This course examines the ways in which scientific information, human values, and the policy process interact to produce environmental change, economic growth, and social justice in North Carolina.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ENEC 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENEC 108. Our Energy and Climate Crises: Challenges and Opportunities. 4 Credits.**

Students quantify global depletion of energy resources and accompanying environmental degradation, hence discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.

**Gen Ed:** PL, GL.

**Grading status:** Letter grade

**Same as:** PWAD 108.

**ENEC 191. Peoples of Siberia. 3 Credits.**

Comparative study of the cultural and biological diversity of peoples of Siberia from prehistoric through contemporary times. Course topics include the biological diversity, culture, behavior, and history of Siberian populations.

**Grading status:** Letter grade

**Same as:** ANTH 191.

**ENEC 201. Introduction to Environment and Society. 4 Credits.**

Human-environment interactions are examined through analytical methods from the social sciences, humanities, and sciences. The focus is on the role of social, political, and economic factors in controlling interactions between society and the environment in historical and cultural contexts. Three lecture hours and one recitation hour a week.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ENEC 201H. Introduction to Environment and Society Honors. 4 Credits.**

Human-environment interactions are examined through analytical methods from the social sciences, humanities, and sciences. The focus is on the role of social, political, and economic factors in controlling interactions between society and the environment in historical and cultural contexts. Three lecture hours and one recitation hour a week.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ENEC 202. Introduction to the Environmental Sciences. 4 Credits.**

Examines fundamental processes governing the movement and transformation of material and energy in environmental systems. Focuses on the role of these processes in environmental phenomena and how society perturbs these processes. Integrates methods from a range of scientific disciplines. Three lecture hours and three computer laboratory hours a week.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**ENEC 203. Introduction to Environmental Science Problem Solving. 3 Credits.**

A quantitative introduction to selected topics in environmental sciences with an emphasis on developing and solidifying problem-solving skills.

**Requisites:** Prerequisite, MATH 231; corequisite, MATH 232.

**Grading status:** Letter grade.

**ENEC 204. Environmental Seminar. 1-3 Credits.**

This course will provide an intellectual focus on the interface between environment and society by examining the relationship among science, policy, and actual management practices on a chosen topic.

**Grading status:** Letter grade.

**ENEC 208. New Frontiers: Environment and Society in the United States. 3-4 Credits.**

By employing a multidisciplinary approach, this class will give students a sense of the role that the environment has played in shaping United States society and the role that our society plays in producing environmental change at the national and global level.

**Grading status:** Letter grade.

**ENEC 208H. New Frontiers: Environment and Society in the United States. 3-4 Credits.**

By employing a multidisciplinary approach, this class will give students a sense of the role that the environment has played in shaping United States society and the role that our society plays in producing environmental change at the national and global level.

**Grading status:** Letter grade.

**ENEC 210. Energy in a Sustainable Environment Seminar. 1 Credit.**

This seminar series will provide a general introduction to energy sources, resources, technologies, and societal use from a sustainability perspective.

**Grading status:** Letter grade.

**ENEC 220. North Carolina Estuaries: Environmental Processes and Problems. 3 Credits.**

Natural processes and human impacts on estuarine systems using the Neuse River estuary as a case study. Course includes one week of intensive field work based at the Institute of Marine Sciences. A student may not receive credit for this course after receiving credit for ENEC 222.

**Gen Ed:** PX, EE- Field Work.

**Grading status:** Letter grade

**Same as:** MASC 220.

**ENEC 222. Estuarine and Coastal Marine Science. 4 Credits.**

Introduction to the estuarine and coastal environment: geomorphology, physical circulation, nutrient loading, primary and secondary production, carbon and nitrogen cycling, benthic processes, and sedimentation.

Consideration given to human impact on coastal systems with emphasis on North Carolina estuaries and sounds. Includes a mandatory weekend field trip and laboratory.

**Requisites:** Prerequisites, MATH 231 and either CHEM 101 or PHYS 114.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**ENEC 237. Food, Environment, and Sustainability. 3 Credits.**

Explores the nexus of agricultural, ecological, and food systems as they dynamically interact. The class examines case studies from North Carolina and other parts of the world. Themes include nutrition, food security, agroecology, and sustainable livelihoods. Students engage in readings, class projects, and hands-on activities in a laboratory setting.

**Grading status:** Letter grade

**Same as:** ANTH 237.

**ENEC 238. Human Ecology of Africa. 3 Credits.**

Course examines human adaptations to environments across Africa. Focuses on livelihood systems such as farming, herding and hunting/gathering.

**Grading status:** Letter grade

**Same as:** ANTH 238.

**ENEC 241. Energy and Culture Seminar for the Thailand Field Site. 1 Credit.**

This one credit hour course meets the semester before UNC students go to study abroad at the Institute for the Environment Thailand Field Site.

The course will prepare students for the research portion of the program. Student should be applying to the field site when taking this course.

**Grading status:** Letter grade.

**ENEC 242. Ecology and Culture Seminar for Ecuador Field Site. 1 Credit.**

This one credit hour seminar is only open to students who are planning to participate in the spring research semester in Ecuador. The main purpose of this seminar is to prepare students for this six-month experience in Ecuador by discussing both research methods and Ecuadorian society.

**Grading status:** Letter grade.

**ENEC 253. Introduction to Atmospheric Processes. 4 Credits.**

Includes one-hour laboratory. Atmospheric processes including radiation, dynamics, and thermodynamics are emphasized. Circulations across a range of temporal and spatial scales are described. Links between environmental problems and the atmosphere are explored.

**Requisites:** Prerequisites, MATH 231 and either CHEM 102 or PHYS 114.

**Grading status:** Letter grade

**Same as:** GEOG 253.

**ENEC 254. International Environmental Politics. 3 Credits.**

Covers the politics of environmental issues, with a focus on issues that have become internationalized. It focuses on the special problems that arise in creating rules for environmental management and regulation when no single government has authority to enforce those rules.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 254.

**ENEC 256. Mountain Biodiversity. 4 Credits.**

Introduction to the new field of biodiversity studies, which integrates approaches from systematics, ecology, evolution, and conservation.

**Grading status:** Letter grade

**Same as:** BIOL 256.

**ENEC 259. Coral Reef Ecology and Management. 1 Credit.**

The course familiarizes students with the natural history, ecology, and physical and chemical characteristics of the coral reef environment. Policy and management issues are also examined.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**ENEC 263. Environmental Field Studies in Siberia. 4 Credits.**

This course explores the biogeography of Siberia and gives students practical training on how to do field work in field ecology and physical geography.

**Grading status:** Letter grade

**Same as:** GEOG 263.

**ENEC 264. Conservation of Biodiversity in Theory and Practice. 3 Credits.**

This course will give students a multidisciplinary introduction to growing field of biodiversity preservation.

**Requisites:** Prerequisite, ENEC 201; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** GEOG 264.

**ENEC 266. Contemporary Africa: Issues in Health, Population, and the Environment. 3 Credits.**

A seminar that introduces students to non-Western perspectives and comparative study of ecological, social, and economic factors that influence the welfare of contemporary African communities. Examination of famine, population growth, and health issues within the context of African cultural and social systems.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**ENEC 272. Local Flora. 4 Credits.**

Open to all undergraduates. North Carolina's flora: recognition, identification, classification, evolution, history, economics, plant families, ecology, and conservation. Three lecture and three laboratory hours per week.

**Requisites:** Prerequisites, BIOL 101 and 101L.

**Gen Ed:** PX.

**Grading status:** Letter grade

**Same as:** BIOL 272.

**ENEC 304. Restoration Ecology. 4 Credits.**

Explores ecological theory and its application to the restoration of terrestrial, aquatic, and marine ecosystems. Requires 30 hours of service to a local restoration project in which students will collect ecological data for a final case study project.

**Requisites:** Prerequisite, BIOL 201 or ENEC 202.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**ENEC 305. Data Analysis and Visualization of Social and Environmental Interactions. 4 Credits.**

Principles of spatial and temporal data analysis are applied to issues of the role of society in producing environmental change. Methods include statistical analysis, model development, and computer visualization. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisite, ECON 400, ENEC 201, MATH 231, or STOR 155.

**Grading status:** Letter grade.

**ENEC 307. Energy and Material Flows in the Environment and Society. 3 Credits.**

Examines regional to global scale flow of materials and energy through materials extractions, processing, manufacturing, product use, recycling, and disposal, including relevance to policy development. Reviews natural cycles, basic physics, and technology of energy production.

**Requisites:** Prerequisites, ENEC 201 and MATH 231 or MATH 152; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**ENEC 308. Environmental History. 3 Credits.**

Historical development of the system of beliefs, values, institutions, etc, underlying societal response to the environment in different cultures is analyzed. The approach is interdisciplinary, drawing on methods from history, philosophy, psychology, etc. Three lecture hours a week.

**Grading status:** Letter grade.

**ENEC 309. Environmental Values and Valuation. 3 Credits.**

Introduction to the methods for assigning value to aspects of the environment and to interhuman and human-environment interactions. The approach is interdisciplinary, drawing on methods from philosophy, ecology, psychology, aesthetics, economics, religion, etc.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ENEC 310. Coastal Environmental Change. 3 Credits.**

An exploration of the large-scale evolution of coastal environments, including relevance of geologic setting, wave and sediment transport processes, the evolution of beach and barrier island morphology, and issues of coastal environmental management.

**Requisites:** Prerequisite, GEOL 101 or MASC 101 or MASC 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** GEOL 310, MASC 316.

**ENEC 312. Risk-Based International Environmental Decisions. 3 Credits.**

A Web-based course on the methods and roles of risk assessment in the international setting, with a primary focus on United States-European Union applications in environmental policy decisions.

**Grading status:** Letter grade.

**ENEC 320. The Future of Energy. 3 Credits.**

This course takes a deep dive into the global energy transition, studying the rapidly-evolving renewable energy and energy-efficiency technologies, prices for new energy sources like solar and wind, and competition with fossil and nuclear fuels.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ENEC 324. Water in Our World: Introduction to Hydrologic Science and Environmental Problems. 3 Credits.**

This introductory course will cover two broad themes: the physical processes of the hydrologic cycle and how human use (and abuse) of freshwater resources can lead to major environmental problems. PX credit for ENEC/GEOL 324 + 324L. PL credit for ENEC/GEOL 324.

**Gen Ed:** PX.

**Grading status:** Letter grade

**Same as:** GEOL 324.

**ENEC 324L. Water in Our World Laboratory. 1 Credit.**

Students will conduct laboratory and field experiments to reinforce the topics covered in ENEC/GEOL 324. PX credit for ENEC/GEOL 324 + 324L.

**Requisites:** Pre- or corequisite, ENEC/GEOL 324.

**Grading status:** Letter grade

**Same as:** GEOL 324L.

**ENEC 325. Water Resource Management and Human Rights. 3-4 Credits.**

This course explores logistical, political, social, and economic challenges in supplying every human with adequate access to clean water, the most basic human right.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**ENEC 325H. Water Resource Management and Human Rights. 3-4 Credits.**

This course explores logistical, political, social, and economic challenges in supplying every human with adequate access to clean water, the most basic human right.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**ENEC 330. Principles of Sustainability. 3 Credits.**

This course introduces students to theories, principles, and measurement of sustainability. It also provides an overview of sustainability in national and international contexts.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLAN 330.

**ENEC 350. Environmental Law and Policy. 3 Credits.**

This course gives students an overview of environmental law and some practical experience in environmental policy making.

**Grading status:** Letter grade.

**ENEC 351. Coastal Law and Policy. 3 Credits.**

The utilization of common coastal resources, the management of fisheries, and coastal zone management guide an examination of coastal laws, policies, and regulations at the federal, state, and local levels.

**Grading status:** Letter grade.

**ENEC 352. Marine Fisheries Ecology. 3 Credits.**

Gives students a foundation in population biology and the ecological processes that influence populations of economically important fish and shellfish. Students will gain practical quantitative skills including statistical analyses, model development, and data visualization.

Familiarity with introductory statistics concepts is preferred but not necessary.

**Requisites:** Prerequisite, MASC 101, 401, or ENEC 202.

**Grading status:** Letter grade

**Same as:** MASC 352.



**ENEC 368. Environmental Ethics. 3 Credits.**

The meaning of environmental values and their relation to other values; the ethical status of animals, species, wilderness, and ecosystems; the built environment; environmental justice; ecofeminism; obligations to future generations.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** PHIL 368.

**ENEC 370. Agriculture and the Environment. 3 Credits.**

Introduction to the ecology of agricultural practices and the impact of food production on the environment. Particular attention will be paid to the constraints on agriculture which must be overcome to feed the planet's growing population.

**Grading status:** Letter grade.

**ENEC 370H. Agriculture and the Environment. 3 Credits.**

Introduction to the ecology of agricultural practices and the impact of food production on the environment. Particular attention will be paid to the constraints on agriculture which must be overcome to feed the planet's growing population.

**Grading status:** Letter grade.

**ENEC 371. Energy Policy. 3 Credits.**

This course will provide an overview of some of the most challenging energy issues of the 21st century and will cover the tools and perspectives necessary to analyze those problems.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PLCY 371.

**ENEC 372. Global Environment: Policy Analysis and Solutions. 3 Credits.**

Explores linkages among nations, global environmental institutions, and the environmental problems they cause and seek to rectify. Introduces pressing challenges of the global environment such as China and India's energy and climate policies, the environmental impacts of coal, nuclear energy, shale gas and fracking, and marine pollution. Discusses perspectives of nations, the role of financial markets and NGOs, and the international community involved in crafting policy solutions.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PLCY 372.

**ENEC 375. Environmental Advocacy. 3 Credits.**

Explores rhetorical means of citizen influence of practices affecting our natural and human environment; also, study of communication processes and dilemmas of redress of environmental grievances in communities and workplace.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade

**Same as:** COMM 375.

**ENEC 380. Environmental Economics. 3 Credits.**

This course develops a set of core principles that are essential to understand and evaluate environmental policy and renewable resource use. These principles are primarily economic, but our discussion will also include insights from politics and ethics.

**Requisites:** Prerequisite, ECON 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ENEC 393. Internship in Sustainability. 3 Credits.**

Permission of the instructor. This course provides an internship with an organization on sustainability topics and public engagement. Pass/Fail only.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**ENEC 395. Research in Environmental Sciences and Studies for Undergraduates. 1-3 Credits.**

Permission of the instructor. Research in an area of environmental science or environmental studies.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENEC 396. Directed Readings. 1-4 Credits.**

Permission of the instructor. A specialized selection of readings from the literature of a particular environmental field supervised by a member of the Carolina Environmental Faculty group. Written reports on the readings or a literature review paper will be required. Cannot be used as a course toward the major.

**Repeat rules:** May be repeated for credit. 8 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ENEC 403. Environmental Chemistry Processes. 3 Credits.**

Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.

**Grading status:** Letter grade

**Same as:** ENVR 403.

**ENEC 405. Mountain Preservation. 4 Credits.**

Introduces students to approaches used to preserve the natural and cultural heritage of the Southern Appalachians.

**Grading status:** Letter grade.

**ENEC 406. Atmospheric Processes II. 4 Credits.**

Principles of analysis of the atmosphere are applied to the analysis of environmental phenomena. The link between the atmosphere and other environmental compartments is explored through environmental case studies.

**Grading status:** Letter grade

**Same as:** GEOG 406.

**ENEC 410. Earth Processes in Environmental Systems. 4 Credits.**

Principles of geological and related Earth systems sciences are applied to analyses of environmental phenomena. The link between the lithosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, CHEM 102, GEOL 200, MATH 231, and PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** GEOL 410, MASC 410.

**ENEC 411. Oceanic Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the ocean, coast, and estuarine environments and the processes that control these environments are applied to the analysis of environmental phenomena. Case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, BIOL 101, CHEM 102, ENEC 222, MATH 231, PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** GEOL 411, MASC 411.

**ENEC 415. Environmental Systems Modeling. 3 Credits.**

This course explores principles and strategies for studying environmental phenomena, and presents methods for developing explanatory and predictive models of environmental systems, e.g., predator-prey, estuaries, greenhouse gases, and ecosystem material cycles.

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, PHYS 115 or 118, and COMP 116.

**Grading status:** Letter grade

**Same as:** GEOL 415, MASC 415.

**ENEC 416. Environmental Meteorology. 3 Credits.**

This course explores atmospheric processes most important to environmental problems such as the transport and transformation of air pollutants and weather systems involved in intercontinental transport of gases and particles.

**Grading status:** Letter grade.

**ENEC 417. Geomorphology. 3 Credits.**

Introduction to process geomorphology with emphasis on quantitative interpretation of weathering, hill slope, fluvial, glacial, and eolian processes from topography and landscapes.

**Requisites:** Prerequisites, GEOL 101, 200, or 201; and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** GEOL 417.

**ENEC 420. Community Design and Green Architecture. 3 Credits.**

The impact of building on the environment and health will be examined by looking at the major areas of: land use planning, water resource use, energy, materials and indoor environment.

**Grading status:** Letter grade

**Same as:** PLAN 420.

**ENEC 431. Sustainable Cities: Exploring Ways of Making Cities More Sustainable. 3 Credits.**

Recommended preparation, ENEC 330. For the first time in history, a majority of the world's people live in cities with huge implications for sustainability. Students will examine the factors driving the trend toward urbanization worldwide, the challenges posed by this trend, and the efforts by cities to become more sustainable.

**Grading status:** Letter grade.

**ENEC 433. Wetland Hydrology. 3 Credits.**

Study of wetland ecosystems with particular emphasis on hydrological functioning, the transition from terrestrial to aquatic systems, wetlands as filtration systems, and exchange between wetlands and other environments.

**Grading status:** Letter grade

**Same as:** MASC 433.

**ENEC 437. Social Vulnerability to Climate Change. 3 Credits.**

How does climate change affect vulnerable human populations? We will attempt to answer a shared research question on this topic by reading the peer-reviewed literature and by conducting a semester-long data analysis project incorporating social and climate data from around the world. This is a course-based undergraduate research experience (CURE).

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GEOG 437.

**ENEC 441. Marine Physiological Ecology. 3 Credits.**

This course introduces students to the physiological, morphological, and behavioral factors employed by marine organisms to cope with their physical environment. Emphasis will be placed on the response of marine organisms to environmental factors such as seawater temperature, light, water salinity, ocean acidification, etc.

**Grading status:** Letter grade

**Same as:** MASC 441.

**ENEC 444. Marine Phytoplankton. 3 Credits.**

Permission of the instructor. For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week.

**Grading status:** Letter grade

**Same as:** MASC 444, BIOL 456.

**ENEC 448. Coastal and Estuarine Ecology. 4 Credits.**

A field-intensive study of the ecology of marine organisms and their interactions with their environment, including commercially important organisms. Laboratory/recitation/field work is included and contributes two credit hours to the course.

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading status:** Letter grade

**Same as:** MASC 448.

**ENEC 450. Biogeochemical Processes. 4 Credits.**

Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, MATH 231, and PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 450, MASC 450.

**ENEC 451. Population, Development, and the Environment. 3 Credits.**

Introduction to contemporary and historical changes in human population, international development, and the global environment and how these processes interact, drawing on population geography as an organizing framework. Previously offered as GEOG 450.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GEOG 451.

**ENEC 459. Ecological Anthropology. 3 Credits.**

Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists and agriculturalists. Approaches include optimal foraging theory, political ecology and subsistence risk.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 459.

**ENEC 460. Historical Ecology. 3 Credits.**

Historical ecology is a framework for integrating physical, biological, and social science data with insights from the humanities to understand the reciprocal relationship between human activity and the Earth system.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 460.

**ENEC 461. Fundamentals of Ecology. 4 Credits.**

Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.

**Requisites:** Prerequisite, BIOL 201.

**Grading status:** Letter grade

**Same as:** BIOL 461.

**ENEC 462. Ecosystem Management. 3 Credits.**

Explores the ecological concepts underlying ecosystem management (e.g., genetic and species diversity, stability, resilience, landscape ecology, etc.), the tools used in the approach, and case studies of how communities are implementing ecosystem management.

**Requisites:** Prerequisite, BIOL 101.

**Grading status:** Letter grade.

**ENEC 463. Business and the Environment. 3 Credits.**

This course explores the intersection of business/economic growth and the major sustainability issues affecting the environment and societal well-being and raises questions about business ethics and the moral responsibility of business leaders, consumers, and citizens. Previously offered as ENEC 306.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade

**Same as:** BUSI 463.

**ENEC 463H. Business and the Environment. 3 Credits.**

This course explores the intersection of business/economic growth and the major sustainability issues affecting the environment and societal well-being and raises questions about business ethics and the moral responsibility of business leaders, consumers, and citizens. Previously offered as ENEC 306.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade

**Same as:** BUSI 463H.

**ENEC 468. Temporal GIS and Space/Time Geostatistics for the Environment and Public Health. 3 Credits.**

Reviews geographical information systems (GIS). Covers geostatistics theory for the interpolation of environmental and health monitoring data across space and time. Uses publicly available water and air quality monitoring data to create maps used for environmental assessment, regulatory compliance analysis, exposure science, and risk analysis.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** ENVR 468.

**ENEC 470. Environmental Risk Assessment. 3 Credits.**

Required preparation, one course in probability and statistics. Use of mathematical models and computer simulation tools to estimate the human health impacts of exposure to environmental pollutants. Three lecture hours per week.

**Grading status:** Letter grade

**Same as:** ENVR 470.

**ENEC 471. Human Impacts on Estuarine Ecosystems. 4 Credits.**

A cohesive examination of the human impacts on biological processes in estuarine ecosystems. Laboratory/recitation/field work is included and contributes two credit hours to the course.

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading status:** Letter grade

**Same as:** MASC 471.

**ENEC 474. Sustainable Coastal Management. 3 Credits.**

This course explores the environmental history of the Albemarle estuary and its larger watershed and explores ways in which humans can utilize this region in a more sustainable manner.

**Grading status:** Letter grade.

**ENEC 475. The Political Economy of Food. 3 Credits.**

This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 475.

**ENEC 475H. The Political Economy of Food. 3 Credits.**

This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 475H.

**ENEC 479. Landscape Analysis. 3 Credits.**

This course utilizes GIS, GPS, and remote sensing technologies to gather data on geology, watersheds, soils, integrated moisture indices. The class also develops habitat maps and derives species diversity indices.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**ENEC 480. Environmental Decision Making. 3 Credits.**

Introduces factors shaping environmental decision making by individuals, businesses, governments, advocacy groups, and international institutions. Explores public policy incentives and action strategies for influencing them.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PLCY 480.

**ENEC 481. Energy Economics. 3 Credits.**

This course develops a core set of principles to understand and evaluate energy markets, policies, and regulations. Topics include oil markets, electric vehicles and CAFÉ standards, pollution permit markets and CO<sub>2</sub> regulations, and electricity markets.

**Requisites:** Prerequisite, ECON 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ENEC 482. Energy and the Environment: A Coastal Perspective. 3 Credits.**

Explores coastal and offshore energy issues, including energy demand, present-day and innovative sources of energy to meet that demand, economics, policy, and environmental and human health outcomes of different energy sources. Summer session only; online and field trip hybrid course, with a mandatory 8-day field site component on the Outer Banks. Housing and field activities arranged by the instructor, which will carry a fee.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**ENEC 485. Coastal Resource Economics and Policy. 3-4 Credits.**

This course develops and applies core principles essential to understanding and evaluating coastal environmental policy and renewable resource use. The principles include the economics of pollution, public choice, information and cost-benefit analysis, property rights, incentive-based regulation, and the economics of renewable resources. Includes insights from politics and ethics.

**Requisites:** Prerequisite, ECON 101.

**Grading status:** Letter grade.

**ENEC 489. Ecological Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the structure and function of ecosystems are applied to environmental phenomena. The link between the biosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, BIOL 101 or 201, CHEM 102, MATH 231, PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ENEC 490. Special Topics in Environmental Science and Studies. 1-12 Credits.**

Advanced topics from diverse areas of environmental science and/or environmental studies are explored.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ENEC 490H. Special Topics in Environmental Science and Studies. 1-12 Credits.**

Advanced topics from diverse areas of environmental science and/or environmental studies are explored.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**ENEC 491. Effective Environmental Communication. 3 Credits.**

Combines theory and application to explore effective communication in various environmental contexts and professions. Offers students from diverse disciplines tools to effectively and credibly communicate about environmental topics using a spectrum of strategies, and offers methods for effective thinking, writing, and speaking.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ENEC 492. Social Science Research Methods. 3 Credits.**

Students learn quantitative, qualitative, and mixed methods research skills and their application to public policies and management of natural resources.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade.

**ENEC 493. Environmental Internship. 1-4 Credits.**

Permission of the instructor. This course provides an internship with an organization related to environmental sciences or studies. Pass/Fail only.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**ENEC 510. Policy Analysis of Global Climate Change. 3 Credits.**

Provides a real-world and relevant case study in which to apply material from multiple disciplines including public policy, economics, environmental science, and international studies. Teaches techniques for building policy models not covered elsewhere.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**ENEC 511. Stable Isotopes in the Environment. 3 Credits.**

Introduction to the theory, methods, and applications of stable isotopes to environmental problems. Primary focus will be on the origin, natural abundance, and fractionation of carbon, hydrogen, oxygen, and nitrogen isotopes.

**Requisites:** Prerequisite, CHEM 102.

**Grading status:** Letter grade

**Same as:** GEOL 511.

**ENEC 520. Environment and Development. 3 Credits.**

Reviews environmental problems in developing countries. Analyzes proposed solutions, such as legal remedies, market instruments, corporate voluntary approaches, international agreements, and development policies. Discusses the link between trade and environment, environmental cases from the World Trade Organization, and sustainable development.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 520.

**ENEC 522. Environmental Change and Human Health. 3 Credits.**

The course will provide students with a multidisciplinary perspective of environmental changes to encompass both human health and ecological health.

**Requisites:** Prerequisite, ENEC 201 or 202.

**Grading status:** Letter grade

**Same as:** ENVR 522.

**ENEC 530. Principles of Climate Modeling. 3 Credits.**

Recommended preparation, MATH 383. Develops explanatory and predictive models of the earth's climate. The level is introductory and the emphasis is on modeling past climate with the hope of understanding its future.

**Requisites:** Prerequisites, MATH 231, 232, and 233; PHYS 118 and 119.

**Grading status:** Letter grade.

**ENEC 547. Energy, Transportation, and Land Use. 3 Credits.**

This course explores the reciprocal connections between energy (production/conversion, distribution, and use), land use, environment, and transportation. Evaluation of federal, state, and local policies on energy conservation and alternative energy sources are emphasized. Students gain skills to analyze impacts, interdependencies, and uncertainties of various energy conservation measures and production technologies.

**Grading status:** Letter grade

**Same as:** PLAN 547.

**ENEC 562. Statistics for Environmental Scientists. 4 Credits.**

Introduction to the application of quantitative and statistical methods in environmental science, including environmental monitoring, assessment, threshold exceedance, risk assessment, and environmental decision making.

**Requisites:** Prerequisite, STOR 155.

**Grading status:** Letter grade

**Same as:** BIOL 562.

**ENEC 563. Statistical Analysis in Ecology and Evolution. 4 Credits.**

Application of modern statistical analysis and data modeling in ecological and evolutionary research. Emphasis is on computer-intensive methods and model-based approaches. Familiarity with standard parametric statistics is assumed.

**Requisites:** Prerequisites, MATH 231 and STOR 151; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** BIOL 563.

**ENEC 565. Environmental Storytelling. 3 Credits.**

An interdisciplinary course for students interested in environmental issues or journalism to produce stories about environmental issues that matter to North Carolinians. Students learn to identify credible sources, manage substantial amounts of information, and find story focus as they report on technical and often controversial subjects in a variety of media.

**Grading status:** Letter grade

**Same as:** MEJO 565.

**ENEC 567. Ecological Analyses and Application. 3 Credits.**

This course provides an overview of natural and social science approaches to addressing biodiversity conservation and resource management. Concepts and methods from population biology, evolutionary ecology, community ecology, and conservation biology will be complemented with approaches from common property theory, indigenous resource management, and human evolutionary ecology.

**Grading status:** Letter grade.

**ENEC 569. Current Issues in Ecology. 3 Credits.**

Required preparation, previous course work in ecology. Permission of the instructor. Topics vary but focus on interdisciplinary problems facing humans and/or the environment. May be repeated for credit.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENEC 580. Environmental Markets: Science and Economics. 3 Credits.**

Examines the interplay of science and economics in the design of environmental markets. The first part introduces the principles of environmental economics. The second part considers several case studies that illustrate the critical role that scientific models of natural systems play in the design of environmental markets.

**Grading status:** Letter grade.

**ENEC 581. Water Resource Planning and Policy Analysis. 3 Credits.**

Water resources demand-supply relationships, United States water resource and related water quality policy, legal structure for water allocation, planning, project and program evaluation, and pricing. Strategies for coping with floods, droughts, and climate change will be explored. Extensive use of case studies.

**Grading status:** Letter grade.

**ENEC 585. American Environmental Policy. 3 Credits.**

Intensive introduction to environmental management and policy, including environmental and health risks; policy institutions, processes, and instruments; policy analysis; and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** ENVR 585, PLAN 585, PLCY 585.

**ENEC 586. Water Quality Policies and Planning. 3 Credits.**

Introduction to the management of water quality at the local and basinwide scales. Topics include theory and management frameworks; state and federal statutes and programs; water contaminants, their fate and transport; alternatives for improving and protecting water quality; and the technologies and management practices of selected basinwide comprehensive strategies.

**Requisites:** Prerequisites, BIOL 101 and MATH 231.

**Grading status:** Letter grade.

**ENEC 593. Environmental Practicum. 1-3 Credits.**

Permission of the instructor required. Students receive service-learning credit through active participation in a community, campus, or other approved group project.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENEC 602. Professional Development Skills for Ecologists and Biologists. 3 Credits.**

The goal of this course is to help students who intend to become professional ecologists or biologists acquire critical skills and strategies needed for achieving their career goals.

**Grading status:** Letter grade

**Same as:** BIOL 602.

**ENEC 608. Continuum Mechanics in the Earth Sciences. 3 Credits.**

Applications of continuum mechanics in the earth sciences, including stress, strain, elasticity, and viscous flow. Numerical solutions to problems in heterogeneous finite strain including finite element analysis.

**Requisites:** Prerequisites, GEOL 302, and PHYS 114, 116, or 118.

**Grading status:** Letter grade

**Same as:** GEOL 608.



**ENEC 641. Watershed Planning. 3 Credits.**

This course explores the functions of ecosystems, land development activities that impact such functions, and the land use management tools to create strategies for mitigating and restoring environmental damage. Course goals include understanding the ecological context of planning and how ecological principles may inform planning decisions. Prepares planners to engage effectively with biologists, natural resource managers, park managers, and other professionals from the natural sciences.

**Grading status:** Letter grade

**Same as:** PLAN 641.

**ENEC 669. Seminar in Ecology. 1-3 Credits.**

May be repeated for credit.

**Requisites:** Prerequisite, BIOL 201; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading status:** Letter grade

**Same as:** BIOL 669.

**ENEC 675. Environmental Communication and the Public Sphere. 3 Credits.**

Examines communication practices that accompany citizen participation in environmental decisions, including public education campaigns of nonprofit organizations, "risk communication," media representations, and mediation in environmental disputes.

**Grading status:** Letter grade.

**ENEC 685. Environmental and Resource Economics. 3 Credits.**

Theory and methods of environmental economics. Topics covered include cost-benefit analysis and environmental policy analysis, economic concept of sustainability, optimal use of natural resources, nonmarket valuation, and economic instruments.

**Requisites:** Prerequisite, ECON 310.

**Grading status:** Letter grade.

**ENEC 686. Policy Instruments for Environmental Management. 3 Credits.**

Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.

**Requisites:** Prerequisite, ECON 410 or PLAN 710.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PLCY 686, ENVR 686, PLAN 686.

**ENEC 693H. Honors Research in Environmental Sciences and Studies. 3 Credits.**

Permission of the director of undergraduate studies. First of two course sequence leading to the honors designation.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENEC 694H. Honors Project in Environmental Sciences and Studies. 3 Credits.**

Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENEC 698. Capstone: Analysis and Solution of Environmental Problems. 3 Credits.**

Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Environmental Studies Major, B.A.

### Contact Information

**Environment, Ecology, and Energy Program**

Visit Program Website (<http://www.cee.unc.edu>)

3301 Venable Hall, CB# 3275

(919) 962-1270

**Jaye E. Cable, Chair**

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**Violet Anderson, Student Services Manager**

[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

This major is designed for students seeking interdisciplinary preparation in the social sciences and humanities needed to understand how society affects the environment, how it organizes itself to respond to environmental problems, and how understanding of the environment is transmitted through culture. The major prepares students for graduate and professional training, especially in environmental policy, journalism, education, and law.

## Department Programs

**Majors**

- Environmental Studies, B.A. (p. 466)
- Environmental Science, B.S. (p. 473)
- Dual Bachelor's-Master's Degree Programs (p. 472)

**Minors**

- Environmental Science and Studies Minor (p. 480)
- Food Studies Minor (p. 481)
- Sustainability Studies Minor (p. 482)

**Graduate Programs**

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Student Learning Outcomes

Upon completion of the environmental studies program (B.A.), students should be able to:

- Demonstrate knowledge in the connections in social and/or natural sciences through an understanding of major concepts, theoretical reasoning, and empirical findings in environmental studies
- Demonstrate knowledge of a marketable skill (e.g. GIS, communication, statistics) to enhance their ability to apply concepts from the program in the real world
- Demonstrate mastery of research and problem-solving skills through individual or team-based projects working for a researcher or client in a social or natural science

## Requirements

The environmental studies program provides two options:

- Environmental Studies Major, B.A. (p. 467) (with several concentration areas)
- Environmental Studies Major, B.A.–Sustainability Track (p. 469)

## Environmental Studies Major, B.A.

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
One of the following earth system science courses:		3-4
BIOL 201	Ecology and Evolution <sup>1, H</sup>	
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	
ENEC/MASC 448	Coastal and Estuarine Ecology <sup>1</sup>	
ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory <sup>1</sup>	
GEOL 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	
GEOG 412	Synoptic Meteorology	
GEOL 315	Energy Resources	
Two courses from one of the following skills categories:		6
GIS:		
ANTH 419	Anthropological Application of GIS	
ENEC 479	Landscape Analysis <sup>1</sup>	
GEOG 370	Introduction to Geographic Information	
GEOG 491	Introduction to GIS	

GEOG 541	GIS in Public Health	
GEOG 591	Applied Issues in Geographic Information Systems	
GEOG 592	Geographic Information Science Programming	
Remote Sensing:		
GEOG 370	Introduction to Geographic Information	
GEOG 477	Introduction to Remote Sensing of the Environment	
GEOG 577	Advanced Remote Sensing	
GEOL/MASC 483	Geologic and Oceanographic Applications of Geographical Information Systems	
Statistics:		
BIOS 600	Principles of Statistical Inference	
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	
ENEC 562	Statistics for Environmental Scientists	
STOR 155	Introduction to Data Models and Inference	
Five courses chosen from one of the concentrations list below		15-20
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
Select one of the following:		4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
Select one of the following:		4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
ECON 101	Introduction to Economics <sup>H</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
Enough General Education (p. 27) and free electives to accumulate at varies least 120 credit hours. <sup>2</sup>		
Total Hours		120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

<sup>2</sup> Recommended courses are ECON 400 and one of the following PH courses: COMM 375/ENEC 375, ENEC 325, or ENEC 368/PHIL 368.

## Agriculture and Health Concentration

Code	Title	Hours
ANTH 252	Archaeology of Food	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
ANTH 319	Global Health	3

ANTH/ENEC 238	Human Ecology of Africa	3	ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>	3-4	ENEC 304	Restoration Ecology	4
ENEC 370	Agriculture and the Environment <sup>H</sup>	3	ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	3
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	3	or ENEC 396	Directed Readings	
or ENEC 396	Directed Readings		ENEC 462	Ecosystem Management	3
ENEC 420	Community Design and Green Architecture	3	ENEC 479	Landscape Analysis <sup>1</sup>	3
ENEC 693H	Honors Research in Environmental Sciences and Studies	3	ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	4
or ENEC 694H	Honors Project in Environmental Sciences and Studies		ENEC 491	Effective Environmental Communication	3
ENEC/ENVR 522	Environmental Change and Human Health	3	ENEC 693H	Honors Research in Environmental Sciences and Studies	3
ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems <sup>1</sup>	3	or ENEC 694H	Honors Project in Environmental Sciences and Studies	
ENEC/GEOL 324L	Water in Our World Laboratory	1	ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
GEOG 334	Human Ecology of Health and Disease	3	ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3	ENEC/GEOL/ MASC 450	Biogeochemical Processes	4
GEOG 542	Neighborhoods and Health	3	ENEC/MASC 352	Marine Fisheries Ecology	3
PLCY 475	The Political Economy of Food <sup>H</sup>	3	ENEC/MASC 441	Marine Physiological Ecology	3
PLCY 485	Poverty, Health, and Human Development in Low Income Countries	3	ENEC/MASC 444	Marine Phytoplankton	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

## Ecology and Society Concentration

Code	Title	Hours
ANTH 226	The Peoples of Africa	3
ANTH 318	Human Growth and Development	3
ANTH 320	Anthropology of Development	3
ANTH 439	Political Ecology	3
ANTH/ENEC 238	Human Ecology of Africa	3
ANTH/ENEC 460	Historical Ecology	3
BIOL 201	Ecology and Evolution <sup>1, H</sup>	4
BIOL 272	Local Flora	4
BIOL 277	Vertebrate Field Zoology	3
BIOL 402	Infectious Disease in the Developing World	3
BIOL 427	Human Diversity and Population Genetics	3
BIOL 461	Fundamentals of Ecology	4
BIOL 463	Field Ecology	4
BIOL 464	Global Change Ecology	3
BIOL 465	Global Biodiversity and Macroecology	3
BIOL 469	Behavioral Ecology	3
BIOL 561	Ecological Plant Geography	3
BIOL 565	Conservation Biology <sup>H</sup>	3
BIOL 567	Evolutionary Ecology	3
BIOL/ENEC 256	Mountain Biodiversity	4
BIOL/ENEC 461	Fundamentals of Ecology	4
BIOL/ENEC 562	Statistics for Environmental Scientists	4
CHIN 356	Chinese Environmental Literature	3

ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC 304	Restoration Ecology	4
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings	
ENEC 462	Ecosystem Management	3
ENEC 479	Landscape Analysis <sup>1</sup>	3
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	4
ENEC 491	Effective Environmental Communication	3
ENEC 693H	Honors Research in Environmental Sciences and Studies	3
or ENEC 694H	Honors Project in Environmental Sciences and Studies	
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC/GEOL/ MASC 450	Biogeochemical Processes	4
ENEC/MASC 352	Marine Fisheries Ecology	3
ENEC/MASC 441	Marine Physiological Ecology	3
ENEC/MASC 444	Marine Phytoplankton	3
ENEC/MASC 448	Coastal and Estuarine Ecology <sup>1</sup>	4
ENEC/MASC 471	Human Impacts on Estuarine Ecosystems	4
ENEC/PLAN 641	Watershed Planning	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/PLCY 520	Environment and Development	3
ENEC/POLI 254	International Environmental Politics	3
GEOG 228	Urban Geography	3
GEOG 232	Agriculture, Food, and Society	3
GEOG 261	The South	3
GEOG 334	Human Ecology of Health and Disease	3
GEOG 423	Social Geography	3
GEOG 444	Landscape Biogeography	3
GEOG 470	Political Ecology: Geographical Perspectives	3
GEOG 597	Ecological Modeling	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

## Environmental Behavior and Decision Making Concentration

Code	Title	Hours
ANTH 422	Anthropology and Human Rights	3
ANTH 539	Environmental Justice	3
BIOL/MATH 553	Mathematical and Computational Models in Biology	3
BUSI 507	Sustainable Business and Social Entrepreneurship <sup>H</sup>	3
COMM/ENEC 375	Environmental Advocacy	3

ENEC 305	Data Analysis and Visualization of Social and Environmental Interactions	4	ANTH/ENEC 238	Human Ecology of Africa	3
ENEC 309	Environmental Values and Valuation	3	ENEC 266	Contemporary Africa: Issues in Health, Population, and the Environment	3
ENEC 312	Risk-Based International Environmental Decisions	3	ENEC 325	Water Resource Management and Human Rights <sup>H</sup>	3-4
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>	3-4	ENEC 350	Environmental Law and Policy	3
ENEC 350	Environmental Law and Policy	3	ENEC 351	Coastal Law and Policy	3
ENEC 351	Coastal Law and Policy	3	ENEC 370	Agriculture and the Environment <sup>H</sup>	3
ENEC 380	Environmental Economics	3	ENEC 380	Environmental Economics	3
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	3	ENEC 395	Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings		or ENEC 396	Directed Readings	
ENEC 462	Ecosystem Management	3	ENEC 485	Coastal Resource Economics and Policy	3-4
ENEC/BUSI 463	Business and the Environment <sup>H</sup>	3	ENEC 491	Effective Environmental Communication	3
ENEC 474	Sustainable Coastal Management	3	ENEC 492	Social Science Research Methods	3
ENEC 485	Coastal Resource Economics and Policy	3-4	ENEC 580	Environmental Markets: Science and Economics	3
ENEC 580	Environmental Markets: Science and Economics	3	ENEC 693H	Honors Research in Environmental Sciences and Studies	3
ENEC 581	Water Resource Planning and Policy Analysis	3	or ENEC 694H	Honors Project in Environmental Sciences and Studies	
ENEC 586	Water Quality Policies and Planning	3	ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 491	Effective Environmental Communication	3	ENEC/PLCY 520	Environment and Development	3
ENEC 492	Social Science Research Methods	3	ENVR 600	Environmental Health	3
ENEC 675	Environmental Communication and the Public Sphere	3	GEOG 222	Health and Medical Geography	3
ENEC 685	Environmental and Resource Economics	3	GEOG 237	Natural Resources	3
ENEC 693H	Honors Research in Environmental Sciences and Studies	3	GEOG 269	Human-Environment Interactions in the Galapagos Islands	3
or ENEC 694H	Honors Project in Environmental Sciences and Studies		GEOG/ENEC 451	Population, Development, and the Environment	3
ENEC/ENVR 470	Environmental Risk Assessment	3	GEOG 452	Mobile Geographies: The Political Economy of Migration	3
ENEC/ENVR/PLAN/PLCY 585	American Environmental Policy	3	GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3
ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3	GEOG 470	Political Ecology: Geographical Perspectives	3
ENEC/MEJO 565	Environmental Storytelling	3	PLCY 475	The Political Economy of Food <sup>H</sup>	3
ENEC/PLAN 547	Energy, Transportation, and Land Use	3			
ENEC/PLAN 641	Watershed Planning	3			
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3			
ENEC/PLCY 475	The Political Economy of Food <sup>H</sup>	3			
ENEC/PLCY 480	Environmental Decision Making	3			
ENEC/POLI 254	International Environmental Politics	3			
GEOG 237	Natural Resources	3			
GEOG 435	Environmental Politics	3			
GEOG 470	Political Ecology: Geographical Perspectives	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Population, Environment, and Development Concentration

Code	Title	Hours
ANTH 318	Human Growth and Development	3
ANTH 319	Global Health	3
ANTH 439	Political Ecology	3
ANTH 459	Ecological Anthropology	3
ANTH 539	Environmental Justice	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Environmental Studies Major, B.A. – Sustainability Track

This major is designed for students who wish to pursue business and policy with an interdisciplinary approach to resiliency and sustainability. This track is appropriate for students wishing to pursue graduate or professional studies in business or policy.

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENEC 307	Energy and Material Flows in the Environment and Society	3
ENEC 330	Principles of Sustainability	3
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
One course from each of the Pillars of Sustainability, plus one additional course at the 300-level or above in any pillar (4 courses total):		12-15
<b>Equity</b>		
ANTH 306	Water and Inequality: Anthropological Perspectives	
ANTH 439	Political Ecology	
ANTH 539	Environmental Justice	
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>	
ENEC 350	Environmental Law and Policy	
ENEC 351	Coastal Law and Policy	
GEOG 470	Political Ecology: Geographical Perspectives	
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	
PHIL/ENEC 368	Environmental Ethics	
PLAN 247	Solving Urban Problems	
PLAN 574	Political Economy of Poverty and Inequality	
PLAN 637	Public Transportation	
PLAN 638	Pedestrian and Bike Transportation	
SOCI 274	Social and Economic Justice	
<b>Economics</b>		
BUSI 507	Sustainable Business and Social Entrepreneurship <sup>H</sup>	
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	
ENEC 309	Environmental Values and Valuation	
ENEC 380	Environmental Economics	
ENEC/BUSI 463	Business and the Environment <sup>H</sup>	
ENEC 485	Coastal Resource Economics and Policy	
ENEC 580	Environmental Markets: Science and Economics	
PLCY 475	The Political Economy of Food <sup>H</sup>	
<b>Environment</b>		
ENEC 202	Introduction to the Environmental Sciences	
ENEC/BIOL 256	Mountain Biodiversity	
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	
ENEC 304	Restoration Ecology	
ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	
ENEC 370	Agriculture and the Environment <sup>H</sup>	
ENEC 405	Mountain Preservation	
ENEC 420	Community Design and Green Architecture	
ENEC 431	Sustainable Cities: Exploring Ways of Making Cities More Sustainable	
ENEC 462	Ecosystem Management	
ENEC 471	Human Impacts on Estuarine Ecosystems	
ENEC 482	Energy and the Environment: A Coastal Perspective	
ENEC 489	Ecological Processes in Environmental Systems	
ENVR/ENEC/PLAN/PLCY 585	American Environmental Policy	
GEOG 441	Introduction to Watershed Systems	
GEOG/ENEC 451	Population, Development, and the Environment	
GEOL 315	Energy Resources	
MASC/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	
MASC 441	Marine Physiological Ecology	
MASC 444	Marine Phytoplankton	
MASC/ENEC 448	Coastal and Estuarine Ecology	
MASC 433	Wetland Hydrology	
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	
PLAN 547	Energy, Transportation, and Land Use	
PLCY/ENEC/ENVR/PLAN 686	Policy Instruments for Environmental Management	
Two courses from one skill area and one additional course from a second skill (3 courses total):		9-12
<b>Basic Science</b>		
CHEM 101 & 101L & CHEM 102 & CHEM 102L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I and General Descriptive Chemistry II and Quantitative Chemistry Laboratory II	
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences	
BIOL 101 & 101L & BIOL 201	Principles of Biology and Introductory Biology Laboratory and Ecology and Evolution <sup>H</sup>	
<b>Communications and Research</b>		
COMM/ENEC 375	Environmental Advocacy	
ENEC 393 or ENEC 493 or ENEC 593	Internship in Sustainability Environmental Internship Environmental Practicum	
ENEC 395 or ENEC 396	Research in Environmental Sciences and Studies for Undergraduates Directed Readings	
ENEC 491	Effective Environmental Communication	
ENEC 492	Social Science Research Methods	
ENEC 693H or ENEC 694	Honors Research in Environmental Sciences and Studies Honors Project in Environmental Sciences and Studies	



MEJO/ENEC 565	Environmental Storytelling	
PLCY 305	Communicating in Public Policy	
<b>GIS and Remote Sensing</b>		
ANTH 419	Anthropological Application of GIS	
ENEC 479	Landscape Analysis	
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	
GEOG 370	Introduction to Geographic Information	
GEOG 477	Introduction to Remote Sensing of the Environment	
GEOG 491	Introduction to GIS	
GEOG 592	Geographic Information Science Programming	
GEOL/MASC 483	Geologic and Oceanographic Applications of Geographical Information Systems	
<b>Analytics</b>		
STOR 305	Decision Making Using Spreadsheet Models	
STOR 455	Methods of Data Analysis	
STOR 556	Advanced Methods of Data Analysis	
COMP 110	Introduction to Programming <sup>H</sup>	
	or COMP 111 (Introduction to Scientific Programming)	
COMP 401	Foundation of Programming <sup>H</sup>	
INLS 161	Tools for Information Literacy	
INLS 201	Foundations of Information Science	
INLS 382	Information Systems Analysis and Design	
<b>Additional Requirements</b>		
ECON 101	Introduction to Economics (SS) <sup>H</sup>	3
MATH 152	Calculus for Business and Social Sciences (QR)	3
	or MATH 231 Calculus of Functions of One Variable I	
Enough General Education (p. 27) and free electives to accumulate at varies least 120 credit hours. <sup>1</sup>		
<b>Total Hours</b>		120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Recommended courses are ENEC 202 (PX), ECON 400 (QI) and one of the following PH courses: ENEC 325, COMM 375/ENEC 375, or PHIL 368/ENEC 368.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.A. Major

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
ECON 101	Introduction to Economics <sup>H</sup>	3
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
	Language levels 2 and 3 (FL)	6
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
	Lifetime fitness	1
	Approaches (p. 27) and Connections (p. 27) (two courses)	6
	<b>Hours</b>	31
<b>Sophomore Year</b>		
	Select one of the following:	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
ENEC 202	Introduction to the Environmental Sciences	4
	Select one of the following:	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
	One earth system science core	3-4
	Two courses from the concentration core	6
	Approaches (p. 27) and Connections (p. 27) (two courses)	6
	<b>Hours</b>	27-28
<b>Junior Year</b>		
	Two courses from the environmental skills core	6
	Two courses from the concentration core	6
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
	Approaches (p. 27) and Connections (p. 27) (three courses)	9
	Free elective course	6
	<b>Hours</b>	30
<b>Senior Year</b>		
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
	Remaining concentration course	3
	Remaining Approaches (p. 27) and Connections (p. 27) courses	6
	Free electives as needed to complete a minimum of 120 academic hours	20
	<b>Hours</b>	32
<b>Total Hours</b>		120-121

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Suggested Program of Study for the Sustainability Track

Course	Title	Hours
<b>First Year</b>		
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
MATH 152 or MATH 231	Calculus for Business and Social Sciences or Calculus of Functions of One Variable I	3
ECON 101	Introduction to Economics <sup>H</sup>	3
Language levels 2 and 3		6
ENGL 105	English Composition and Rhetoric	3
Lifetime fitness		1
Approaches (p. 27) and Connections (p. 27) (two courses)		6
Elective course		3
Hours		29
<b>Sophomore Year</b>		
ENEC 330	Principles of Sustainability	3
Two environmental skills core courses		6
Two pillars of sustainability core courses		6
Approaches (p. 27) and Connections (p. 27) (three courses)		9
Elective courses		6
Hours		30
<b>Junior Year</b>		
ENEC 307	Energy and Material Flows in the Environment and Society	3
One environmental skills core course		3
Two pillars of sustainability core courses		6
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
Approaches (p. 27) and Connections (p. 27) (two courses)		3
Supplemental General Education (p. 27) (one course)		3
Free elective courses		9
Hours		30
<b>Senior Year</b>		
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
Supplemental General Education (p. 27) (two courses)		6
Remaining General Education (p. 27) courses and free electives to reach a minimum of 120 credit hours		22
Hours		31
Total Hours		120

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Dual Bachelor's–Master's Degree Program

Three dual bachelor's–master's programs are offered:

1. *Environmental and science communication* is a collaboration between the environment, ecology, and energy program and the School of Media and Journalism;
2. *Environmental informatics* is a collaboration between the environment, ecology, and energy program and the School of Information and Library Science;
3. *Environmental finance and leadership* is a collaboration between the environment, ecology, and energy program and the School of Government.

Each program is designed for students to earn their bachelor's degree and complete a master's degree in a professional school in as few as five years. The dual degree in environmental and science communication is approached through the bachelor's of arts degree with a major in environmental studies, and students then complete a master's degree in journalism. The dual degree in environmental informatics is approached through the bachelor's of science degree with a major in environmental science, and students then complete a master's in information sciences. The dual degree in environmental finance and leadership is approached through either the bachelor's of science or the bachelor's of arts in environment and ecology, and students then complete a master's in public administration.

Students may begin taking courses for the graduate degree while in the undergraduate program, and a limited number of credit hours of approved graduate coursework may be transferred into the graduate degree program in mass communication (up to nine hours), information sciences (up to 12 hours) and public administration (up to 13 hours). Courses taken as an undergraduate for graduate credit may not be counted as part of the undergraduate degree if the intent is to transfer them to the graduate program. Early advising is essential to success in navigating these dual-degree programs. Advisors are available in both units to help students prepare and select courses appropriately to get the most from their education.

Applying for one of the dual-degree programs is a two-step process. It is highly recommend that interested first- and second-year students speak to an advisor early in their college program. Students must submit a conditional application to the program no later than their junior year to ensure that they will receive preference in registering for courses. Students must formally apply to the program through The Graduate School in their senior year. The GRE is not required for applications from current UNC–Chapel Hill students for the dual degree in environmental science and communication; for other dual degrees students should check with their advisors about GRE requirements. For complete information on the application process and curriculum requirements, please go to the specific Web site listed above for the dual-degree program of interest.

## Special Opportunities in Environmental Science and Studies

### Honors in Environmental Science or Studies

Students in either the B.S. or B.A. degree program may participate in honors research leading to graduation with honors or highest honors. This distinction is earned by participation in honors research (ENEC 693H) and culminates in ENEC 694H, thesis writing and defense. Students should follow the guidelines established by Honors Carolina and meet with the faculty honors advisor, Dr. Geoff Bell, to ensure that appropriate requirements are fulfilled. (Requirements can be found on the Honors Program Web site (<http://honorscarolina.unc.edu/current-students/honors-thesis-and-undergraduate-research/honors-thesis>)).

Honors students can use three credit hours of ENEC 693H (research) or ENEC 694H (thesis), but not both courses, to fulfill a concentration requirement.

## Departmental Involvement

The Carolina Environmental Student Alliance (CESA) is an interdisciplinary organization dedicated to uniting the environmental interests of students across campus. Participation is open to all students and community members with an interest in the environment. The Epsilon Eta Environmental Honors Fraternity is an organization dedicated to excellence in environmental education. Interested students are nominated for membership.

## Experiential Education

Possibilities for experiential education include APPLES service-learning courses (ENEC 593), Coral Reef Ecology and Management (ENEC 259), Sierra Nevada Program (ENEC 208), internships (ENEC 393, ENEC 493), research (ENEC 395, ENEC 396, ENEC 698), and honors research (ENEC 693H, ENEC 694H). Additionally, a series of experiential education field sites is available in North Carolina and around the world where students may take coursework and conduct research for a semester. Fall semester field sites are offered in North Carolina at Highlands Biological Station (mountain/ecology), the Institute for Marine Sciences (marine ecology/geology), and the Coastal Studies Institute/Outer Banks (coastal policy and economics). Spring semester field sites are offered on the UNC campus (Sustainable Triangle field site), in Thailand (energy and pollution), and Ecuador (ecology or sustainable development). The Ecuador and Thailand field site experiences incorporate part of the following summer as well. Summer programs are also offered in the Galapagos via UNC's Center for Galapagos Studies. Contact our advisors about other opportunities. Faculty members often arrange Burch Program summer educational trips to such locations as Australia (conservation, restoration, and natural resource management), Siberia, Russia (ecology and anthropology), the Sierra Nevadas (ecology and physical geography), and northern Europe (energy, sustainability, and communication).

## Internships

Students are encouraged to apply for paid or unpaid internships in local, state, national, and international environmental organizations. Internship opportunities can be found through the Ecostudio Internship Incubator Web site (<http://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/ecostudio.unc.edu>). These internships provide valuable practical experience, and some may be conducted for academic credit. Students interested in academic credit should contact the director of undergraduate studies, Dr. Amy Cooke ([amycooke@unc.edu](mailto:amycooke@unc.edu)), to obtain the required application for credit before the term begins.

## Study Abroad

Exchange and other study abroad programs are available through the UNC Study Abroad Office. At some locations students may take courses for UNC credit, such as some field sites listed above. Students may take courses at other universities during study abroad and apply for transfer credit as well. We encourage students to participate in study abroad during their career at Carolina.

## Undergraduate Awards

Undergraduates may be considered for the Watts and Betsy Carr Awards, Mary and Watts Hill Jr. Awards, and Robert Alonzo Winston Scholarships.

## Undergraduate Research

All students are encouraged (but not required) to complete an independent or team research project. Such projects introduce students to the tools needed for graduate study. They also provide an important opportunity for working directly with the world-class environmental faculty members and graduate students at UNC-Chapel Hill, as well as in the many environmental organizations in the Research Triangle. The Triangle area contains one of the largest collections of environmental organizations and expertise in the world, providing unique opportunities for students to conduct research on an immense range of topics from fundamental scientific research to policy applications. Students interested in obtaining course credit for research should speak with either Dr. Geoff Bell (honors advisor) or Dr. Amy Cooke (director of undergraduate studies) to ensure all the requirements and appropriate paperwork has been approved within the first week of classes.

## Environmental Science, B.S.

### Contact Information

#### Environment, Ecology, and Energy Program

Visit Program Website (<http://www.cee.unc.edu>)  
3301 Venable Hall, CB# 3275  
(919) 962-1270

#### Jaye E. Cable, Chair

[jecable@email.unc.edu](mailto:jecable@email.unc.edu)

#### Amy E. Cooke, Director of Undergraduate Studies

[amycooke@unc.edu](mailto:amycooke@unc.edu)

#### Violet Anderson, Student Services Manager

[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

This major is designed for students focusing on such topics as how material and energy are moved and transformed in complex environmental systems, the role of society in perturbing those processes, and scientific techniques that might be used to improve environmental quality. The program provides interdisciplinary preparation for graduate or professional training as well as for jobs in government, consulting, and industry.

## Department Programs

### Majors

- Environmental Studies, B.A. (p. 466)
- Environmental Science, B.S. (p. 473)
- Dual Bachelor's-Master's Degree Programs (p. 472)

### Minors

- Environmental Science and Studies Minor (p. 480)
- Food Studies Minor (p. 481)
- Sustainability Studies Minor (p. 482)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext>)

## Student Learning Outcomes

Upon completion of the environmental sciences program (B.S.), students should be able to:

- Demonstrate knowledge in the connections in social and/or natural sciences through an understanding of major concepts, theoretical reasoning, and empirical findings in environmental studies
- Demonstrate knowledge of a marketable skill (e.g. GIS, communication, statistics) to enhance their ability to apply concepts from the program in the real world
- Demonstrate mastery of research and problem-solving skills through individual or team-based projects working for a researcher or client in a social or natural science

## Requirements

The environmental science program provides two options:

- Environmental Science, B.S. (p. 474) (with several concentration areas)
- Environmental Science, B.S.–Quantitative Energy Systems Track (p. 476)

## Environmental Science, B.S.

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours	Additional Requirements	Hours
<b>Core Requirements</b>				
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4		
ENEC 203	Introduction to Environmental Science Problem Solving	3		
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3		
One of the following earth system science courses:		3-4		
BIOL 201	Ecology and Evolution <sup>1, H</sup>			
ENEC 202	Introduction to the Environmental Sciences			
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>			
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>			
ENEC/MASC 448	Coastal and Estuarine Ecology <sup>1</sup>			
ENEC/ENVR 403	Environmental Chemistry Processes <sup>1</sup>			
ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory <sup>1</sup>			
GEOL 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory			
GEOL 315	Energy Resources			
Two courses from one analytical skills option:				6-7
Applied Math:				
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>			
MATH 383	First Course in Differential Equations <sup>H</sup>			
GIS and Remote Sensing:				
ANTH 419	Anthropological Application of GIS			
ENEC 479	Landscape Analysis <sup>1</sup>			
GEOG 370	Introduction to Geographic Information <sup>1</sup>			
GEOG 391	Quantitative Methods in Geography			
GEOG 477	Introduction to Remote Sensing of the Environment			
GEOG 577	Advanced Remote Sensing			
GEOG 591	Applied Issues in Geographic Information Systems			
GEOL/MASC 483	Geologic and Oceanographic Applications of Geographical Information Systems <sup>1</sup>			
Statistics:				
BIOL/ENEC 562	Statistics for Environmental Scientists <sup>1</sup>			
BIOS 511	Introduction to Statistical Computing and Data Management			
BIOS 550	Basic Elements of Probability and Statistical Inference I			
GEOL 520	Data Analysis in the Earth Sciences			
GEOL 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling			
STOR 455	Methods of Data Analysis			
STOR 556	Advanced Methods of Data Analysis			
Basic Science:				
BIOL 202	Molecular Biology and Genetics <sup>H</sup>			
CHEM 261	Introduction to Organic Chemistry I <sup>1, H</sup>			
Five courses chosen from one of the following concentrations				15-20
<b>Additional Requirements</b>				
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4		
COMP 110 or COMP 116	Introduction to Programming <sup>H</sup> or Introduction to Scientific Programming	3		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4		
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4		
Select one of the following:				8
PHYS 118 & PHYS 119	Introductory Calculus-based Mechanics and Relativity and Introductory Calculus-based Electromagnetism and Quanta			
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences			

Students are required to earn a minor in an allied science, such as biology, chemistry, computer science, geography, geology, information science, marine science, mathematics, mathematical decision sciences, or physics. 15

Enough free electives to accumulate minimum of 120 credit hours. <sup>2</sup> varies

Total Hours 120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

<sup>2</sup> Recommended courses are ECON 101; ENEC 202; one of the following PH courses: COMM 375/ENEC 375, ENEC 325, or ENEC 368/PHIL 368; and one of the following statistics courses: BIOS 511 or ENEC 562 or STOR 455.

ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory <sup>1</sup>	4
GEOL 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	4
ENEC/GEOL/MASC 450	Biogeochemical Processes	4
ENEC/MASC 352	Marine Fisheries Ecology	3
ENEC/MASC 433	Wetland Hydrology	3
ENEC/MASC 441	Marine Physiological Ecology	3
ENEC/MASC 444	Marine Phytoplankton	3
ENEC/MASC 448	Coastal and Estuarine Ecology <sup>1</sup>	4
ENEC/MASC 471	Human Impacts on Estuarine Ecosystems	4
GEOG 444	Landscape Biogeography	3
MASC 443	Marine Microbiology	3
MASC 445	Marine Invertebrate Biology	4

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

### Ecology and Natural Resources Concentration

Code	Title	Hours
BIOL 201	Ecology and Evolution <sup>1, H</sup>	4
BIOL 272	Local Flora	4
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	4
BIOL 402	Infectious Disease in the Developing World	3
BIOL 463	Field Ecology	4
BIOL 464	Global Change Ecology	3
BIOL 465	Global Biodiversity and Macroecology	3
BIOL 469	Behavioral Ecology	3
BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	4
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	4
BIOL 561	Ecological Plant Geography	3
BIOL 565	Conservation Biology <sup>H</sup>	3
BIOL 568	Disease Ecology and Evolution	3
BIOL/ENEC 256	Mountain Biodiversity	4
BIOL/ENEC 461	Fundamentals of Ecology	4
BIOL/ENEC 562	Statistics for Environmental Scientists <sup>1</sup>	4
BIOL/ENEC 563	Statistical Analysis in Ecology and Evolution	4
BIOL 657/ENVR 520/MASC 504	Biological Oceanography	4
BIOL 462/MASC 440	Marine Ecology	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC 304	Restoration Ecology	4
ENEC 370	Agriculture and the Environment <sup>H</sup>	3
ENEC 462	Ecosystem Management	3
ENEC 479	Landscape Analysis <sup>1</sup>	3
ENEC 485	Coastal Resource Economics and Policy	3-4
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	4
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3

### Environment and Health Concentration

Code	Title	Hours
BIOL 402	Infectious Disease in the Developing World	3
BIOL 568	Disease Ecology and Evolution	3
CHEM 261	Introduction to Organic Chemistry I <sup>1, H</sup>	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC/ENVR 403	Environmental Chemistry Processes <sup>1</sup>	3
ENEC/ENVR 522	Environmental Change and Human Health	3
ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems <sup>1</sup>	3
ENEC/MASC 444	Marine Phytoplankton	3
ENVR 412	Ecological Microbiology	3
ENVR 413	Limnology	3
ENVR 416	Aerosol Physics and Chemistry	4
ENVR 419	Chemical Equilibria in Natural Waters	3
ENVR 421	Environmental Health Microbiology	3
ENVR 430	Health Effects of Environmental Agents	3
ENVR 431	Techniques in Environmental Health Sciences	2
ENVR 442	Biochemical Toxicology	3
ENVR 451	Elements of Chemical Reactor Engineering	3
ENVR 600	Environmental Health	3
EPID 600	Principles of Epidemiology for Public Health	3
MASC 443	Marine Microbiology	3
PATH 128	Biology of Human Disease	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

## Water and Climate Concentration

Code	Title	Hours
BIOL 350/ ENVR 417/ GEOL 403/ MASC 401	Oceanography	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC/ENVR 403	Environmental Chemistry Processes <sup>1</sup>	3
ENEC/GEOL 253	Introduction to Atmospheric Processes	4
ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems <sup>1</sup>	3
ENEC/GEOL 417	Geomorphology	3
ENEC/GEOL/ MASC 411	Oceanic Processes in Environmental Systems	4
ENEC/GEOL/ MASC 415	Environmental Systems Modeling	3
ENEC/GEOL/ MASC 450	Biogeochemical Processes	4
ENVR 413	Limnology	3
ENVR 416	Aerosol Physics and Chemistry	4
ENVR 419	Chemical Equilibria in Natural Waters	3
ENVR 453	Groundwater Hydrology	3
GEOG 370	Introduction to Geographic Information <sup>1</sup>	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	Climate Change	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440/ GEOL 502	Earth Surface Processes	3
GEOL 202	Earth Systems History	3
GEOL 432	Paleoclimatology	3
GEOL 435	Groundwater	3
GEOL 436	Geochemistry of Natural Waters	3
GEOL/MASC 483	Geologic and Oceanographic Applications of Geographical Information Systems <sup>1</sup>	4
GEOL/MASC 503	Marine Geology	4
GEOL/MASC 506	Physical Oceanography	4
GEOL 508	Global Hydrology	3
MASC 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
MASC 314	Earth Systems in a Changing World	3
MASC 432	Major World Rivers and Global Change: From Mountains to the Sea	3
MASC 433	Wetland Hydrology	3
MASC 460	Fluid Dynamics of the Environment	3

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

## Environmental Science, B.S.–Quantitative Energy Systems Track

This major is designed for students with a strong interest in water, energy, and sustainable natural resources, and interdisciplinary approaches to analytics, informatics, or business. The degree provides interdisciplinary preparation for graduate or professional training as well as for jobs in government, consulting, and industry.

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENEC 203	Introduction to Environmental Science Problem Solving	3
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
Two courses each from two of the following quantitative skills (4 courses total)		
<b>Informatics</b>		
INLS 151	Retrieving and Analyzing Information	
INLS 161	Tools for Information Literacy	
STOR 215	Foundations of Decision Sciences	
STOR 305	Decision Making Using Spreadsheet Models	
<b>Applied Mathematics</b>		
MATH 381	Discrete Mathematics <sup>H</sup>	
MATH 383	First Course in Differential Equations <sup>H</sup>	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 535	Introduction to Probability	
MATH 547	Linear Algebra for Applications	
MATH 564	Mathematical Modeling in the Life Sciences	
PHYS 331	Introduction to Numerical Techniques in Physics <sup>1</sup>	
<b>Statistics</b>		
BIOS 511	Introduction to Statistical Computing and Data Management	
ENEC 562	Statistics for Environmental Scientists	
ENEC 563	Statistical Analysis in Ecology and Evolution	
GEOL 520	Data Analysis in the Earth Sciences	
GEOL 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling	
STOR 455	Methods of Data Analysis	
STOR 435	Introduction to Probability	
STOR 556	Advanced Methods of Data Analysis	
<b>Basic Science</b>		

BIOL 201	Ecology and Evolution <sup>H</sup>		
BIOL 271	Plant Biology		
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>		
PHYS 114	General Physics I: For Students of the Life Sciences <sup>1</sup>		
	or PHYS 118 Introductory Calculus-based Mechanics and Relativity		
PHYS 115	General Physics II: For Students of the Life Sciences		
	or PHYS 119 Introductory Calculus-based Electromagnetism and Quanta		
<b>Modeling</b>			
COMP 401 & COMP 410	Foundation of Programming and Data Structures <sup>H</sup>		
COMP 401 & COMP 411	Foundation of Programming and Computer Organization <sup>H</sup>		
COMP 401 & ENEC 415	Foundation of Programming and Environmental Systems Modeling <sup>H</sup>		
<b>GIS and Remote Sensing</b>			
ANTH 419	Anthropological Application of GIS		
GEOG 370	Introduction to Geographic Information		
GEOG 391	Quantitative Methods in Geography		
GEOG 477	Introduction to Remote Sensing of the Environment		
GEOG 491	Introduction to GIS		
GEOG 577	Advanced Remote Sensing		
GEOG 591	Applied Issues in Geographic Information Systems		
GEOG 592	Geographic Information Science Programming		
GEOL/MASC 483	Geologic and Oceanographic Applications of Geographical Information Systems		
Four courses from one of the following concentrations		12-16	
<b>Energy Management</b>			
ENEC 307	Energy and Material Flows in the Environment and Society		
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates <sup>1</sup>		
	or ENEC 396 Directed Readings		
ENEC 482	Energy and the Environment: A Coastal Perspective		
ENEC 693H	Honors Research in Environmental Sciences and Studies <sup>1</sup>		
	or ENEC 694 Honors Project in Environmental Sciences and Studies		
ENVR/ENEC 403	Environmental Chemistry Processes <sup>1</sup>		
GEOL 315	Energy Resources		
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas		
PHYS 581	Renewable Electric Power Systems		
PHYS 582	Decarbonizing Fuels		
PLAN/ENEC 547	Energy, Transportation, and Land Use		
<b>Environmental Processes</b>			
ENEC 202	Introduction to the Environmental Sciences		
ENEC 222	Estuarine and Coastal Marine Science		
ENEC 256	Mountain Biodiversity		
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates <sup>1</sup>		
	or ENEC 396 Directed Readings		
ENEC 489	Ecological Processes in Environmental Systems		
ENEC 693H	Honors Research in Environmental Sciences and Studies <sup>1</sup>		
	or ENEC 694 Honors Project in Environmental Sciences and Studies		
ENVR/ENEC 403	Environmental Chemistry Processes <sup>1</sup>		
MASC 432	Major World Rivers and Global Change: From Mountains to the Sea		
MASC 433	Wetland Hydrology		
MASC 450	Biogeochemical Processes		
MASC 460	Fluid Dynamics of the Environment		
GEOL 435	Groundwater		
GEOL 436	Geochemistry of Natural Waters		
GEOL 508	Global Hydrology		
GEOL 520	Data Analysis in the Earth Sciences		
GEOL 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling		
GEOG 410	Modeling of Environmental Systems		
GEOG 412	Synoptic Meteorology		
GEOG 414	Climate Change		
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems		
GEOG 441	Introduction to Watershed Systems		
<b>Smart Cities</b>			
ENEC 350	Environmental Law and Policy		
ENEC 351	Coastal Law and Policy		
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>		
ENEC 380	Environmental Economics		
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates <sup>1</sup>		
	or ENEC 396 Directed Readings		
ENEC/PLAN 420	Community Design and Green Architecture		
ENEC 480	Environmental Decision Making		
ENEC 485	Coastal Resource Economics and Policy		
ENEC 492	Social Science Research Methods		
ENEC 693H	Honors Research in Environmental Sciences and Studies <sup>1</sup>		
	or ENEC 694 Honors Project in Environmental Sciences and Studies		
PLAN/ENEC 547	Energy, Transportation, and Land Use		
PLAN/ENEC 641	Watershed Planning		
PLAN 636	Urban Transportation Planning		
PLAN 637	Public Transportation		
PLAN 638	Pedestrian and Bike Transportation		
PLAN 651	Urban Form and the Design of Cities		
<b>Additional Requirements</b>			
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory (CI, PX) <sup>H</sup>		4
COMP 110	Introduction to Programming <sup>1, H</sup>		3

or COMP 116	Introduction to Scientific Programming	
or PHYS 331	Introduction to Numerical Techniques in Physics	
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (PX) <sup>1</sup>	4
or PHYS 114	General Physics I: For Students of the Life Sciences	
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II (PX) <sup>1, H</sup>	4
or PHYS 115	General Physics II: For Students of the Life Sciences	
or PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
MATH 231	Calculus of Functions of One Variable I (QR) <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II (QI) <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables (QI) <sup>H</sup>	4
Enough General Education (p. 27) courses and free electives to satisfy 120-credit hours. <sup>2</sup>		48-59
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Following courses are listed under multiple requirements in the major but can only be used to fulfill one requirement per course: ENEC 395, ENEC 396, ENEC 693H, ENEC 694H, ENVR 403/ENEC 403, PHYS 114, PHYS 115, PHYS 118, PHYS 119, PHYS 331.

<sup>2</sup> Recommended courses are ENEC 202 (PX), ECON 101 (SS), STOR 155 (QR) or BIOS 600, and one of the following PH courses: ENEC 325, COMM 375/ENEC 375, or PHIL 368/ENEC 368.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.S. Major

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Language level 2 (FL)		3
Approaches (p. 27) and Connections (p. 27) (two courses)		6
Lifetime fitness		1
<b>Hours</b>		<b>30</b>

### Sophomore Year

CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
ENEC 203	Introduction to Environmental Science Problem Solving	3
One environmental concentration course		3
One earth system science core		3-4
PHYS 114 or PHYS 118	General Physics I: For Students of the Life Sciences or Introductory Calculus-based Mechanics and Relativity	4
PHYS 115 or PHYS 119	General Physics II: For Students of the Life Sciences or Introductory Calculus-based Electromagnetism and Quanta	4
COMP 110 or COMP 116	Introduction to Programming <sup>H</sup> or Introduction to Scientific Programming	3
Language levels 3 (FL)		3
Approaches (p. 27) and Connections (p. 27) (one course)		3
<b>Hours</b>		<b>30-31</b>

### Junior Year

Two courses from the analytical skills core		6
Three courses from environmental concentration core		9
Two courses from a minor field		6
Approaches (p. 27) and Connections (p. 27) (three courses)		9
<b>Hours</b>		<b>30</b>

### Senior Year

ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
Remaining environmental concentration core		3
Remaining minor field courses		9
Remaining Approaches (p. 27) and Connections (p. 27) courses		3
Enough free electives to meet 120 academic hour minimum		12
<b>Hours</b>		<b>30</b>
<b>Total Hours</b>		<b>120-121</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Suggested Program of Study for the Quantitative Energy Systems Track

Course	Title	Hours
<b>First Year</b>		
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4

Language levels 2 and 3	6
Lifetime fitness	1
ENGL 105 English Composition and Rhetoric	3
Hours	34
<b>Sophomore Year</b>	
ENEC 203 Introduction to Environmental Science Problem Solving	3
MATH 233 Calculus of Functions of Several Variables <sup>H</sup>	4
COMP 110 Introduction to Programming <sup>H</sup>	3
or or Introduction to Scientific Programming	
COMP 116 or Introduction to Numerical Techniques in	
or Physics	
PHYS 331	
Two courses from quantitative skills	6
Approaches (p. 27) and Connections (p. 27) (4 courses)	12
Free elective course	3
Hours	31
<b>Junior Year</b>	
COMP 110 Introduction to Programming <sup>H</sup>	3
or or Introduction to Scientific Programming	
COMP 116 or Introduction to Numerical Techniques in	
or Physics	
PHYS 331	
Two courses from environmental concentration courses	6
Two courses from quantitative skills	6
Approaches (p. 27) and Connections (p. 27) (3 courses)	9
Free elective courses	6
Hours	30
<b>Senior Year</b>	
ENEC 698 Capstone: Analysis and Solution of Environmental Problems	3
Remaining environmental concentration courses	6
Remaining General Education (p. 27) courses and free electives to reach at least 120 academic credit hours	16
Hours	25
Total Hours	120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Dual Bachelor’s–Master’s Degree Program

Three dual bachelor’s–master’s programs are offered:

1. *Environmental and science communication* is a collaboration between the environment, ecology, and energy program and the School of Media and Journalism;
2. *Environmental informatics* is a collaboration between the environment, ecology, and energy program and the School of Information and Library Science;
3. *Environmental finance and leadership* is a collaboration between the environment, ecology, and energy program and the School of Government.

Each program is designed for students to earn their bachelor’s degree and complete a master’s degree in a professional school in as few as five years. The dual degree in environmental and science communication

is approached through the bachelor’s of arts degree with a major in environmental studies, and students then complete a master’s degree in journalism. The dual degree in environmental informatics is approached through the bachelor’s of science degree with a major in environmental science, and students then complete a master’s in information sciences. The dual degree in environmental finance and leadership is approached through either the bachelor’s of science or the bachelor’s of arts in environment and ecology, and students then complete a master’s in public administration.

Students may begin taking courses for the graduate degree while in the undergraduate program, and a limited number of credit hours of approved graduate coursework may be transferred into the graduate degree program in mass communication (up to nine hours), information sciences (up to 12 hours) and public administration (up to 13 hours). Courses taken as an undergraduate for graduate credit may not be counted as part of the undergraduate degree if the intent is to transfer them to the graduate program. Early advising is essential to success in navigating these dual-degree programs. Advisors are available in both units to help students prepare and select courses appropriately to get the most from their education.

Applying for one of the dual-degree programs is a two-step process. It is highly recommend that interested first- and second-year students speak to an advisor early in their college program. Students must submit a conditional application to the program no later than their junior year to ensure that they will receive preference in registering for courses. Students must formally apply to the program through The Graduate School in their senior year. The GRE is not required for applications from current UNC–Chapel Hill students for the dual degree in environmental science and communication; for other dual degrees students should check with their advisors about GRE requirements. For complete information on the application process and curriculum requirements, please go to the specific Web site listed above for the dual-degree program of interest.

## Special Opportunities in Environmental Science and Studies

### Honors in Environmental Science or Studies

Students in either the B.S. or B.A. degree program may participate in honors research leading to graduation with honors or highest honors. This distinction is earned by participation in honors research (ENEC 693H) and culminates in ENEC 694H, thesis writing and defense. Students should follow the guidelines established by Honors Carolina and meet with the faculty honors advisor, Dr. Geoff Bell, to ensure that appropriate requirements are fulfilled. (Requirements can be found on the Honors Program Web site (<http://honorscarolina.unc.edu/current-students/honors-thesis-and-undergraduate-research/honors-thesis>)). Honors students can use three credit hours of ENEC 693H (research) or ENEC 694H (thesis), but not both courses, to fulfill a concentration requirement.

### Departmental Involvement

The Carolina Environmental Student Alliance (CESA) is an interdisciplinary organization dedicated to uniting the environmental interests of students across campus. Participation is open to all students and community members with an interest in the environment. The Epsilon Eta Environmental Honors Fraternity is an organization dedicated to excellence in environmental education. Interested students are nominated for membership.

## Experiential Education

Possibilities for experiential education include APPLES service-learning courses (ENEC 593), Coral Reef Ecology and Management (ENEC 259), Sierra Nevada Program (ENEC 208), internships (ENEC 393, ENEC 493), research (ENEC 395, ENEC 396, ENEC 698), and honors research (ENEC 693H, ENEC 694H). Additionally, a series of experiential education field sites is available in North Carolina and around the world where students may take coursework and conduct research for a semester. Fall semester field sites are offered in North Carolina at Highlands Biological Station (mountain/ecology), the Institute for Marine Sciences (marine ecology/geology), and the Coastal Studies Institute/Outer Banks (coastal policy and economics). Spring semester field sites are offered on the UNC campus (Sustainable Triangle field site), in Thailand (energy and pollution), and Ecuador (ecology or sustainable development). The Ecuador and Thailand field site experiences incorporate part of the following summer as well. Summer programs are also offered in the Galapagos via UNC's Center for Galapagos Studies. Contact our advisors about other opportunities. Faculty members often arrange Burch Program summer educational trips to such locations as Australia (conservation, restoration, and natural resource management), Siberia, Russia (ecology and anthropology), the Sierra Nevadas (ecology and physical geography), and northern Europe (energy, sustainability, and communication).

## Internships

Students are encouraged to apply for paid or unpaid internships in local, state, national, and international environmental organizations. Internship opportunities can be found through the Ecostudio Internship Incubator Web site (<http://catalog.unc.edu/undergraduate/programs-study/environmental-science-bs/ecostudio.unc.edu>). These internships provide valuable practical experience, and some may be conducted for academic credit. Students interested in academic credit should contact the director of undergraduate studies, Dr. Amy Cooke ([amycooke@unc.edu](mailto:amycooke@unc.edu)), to obtain the required application for credit before the term begins.

## Study Abroad

Exchange and other study abroad programs are available through the UNC Study Abroad Office. At some locations students may take courses for UNC credit, such as some field sites listed above. Students may take courses at other universities during study abroad and apply for transfer credit as well. We encourage students to participate in study abroad during their career at Carolina.

## Undergraduate Awards

Undergraduates may be considered for the Watts and Betsy Carr Awards, Mary and Watts Hill Jr. Awards, and Robert Alonzo Winston Scholarships.

## Undergraduate Research

All students are encouraged (but not required) to complete an independent or team research project. Such projects introduce students to the tools needed for graduate study. They also provide an important opportunity for working directly with the world-class environmental faculty members and graduate students at UNC–Chapel Hill, as well as in the many environmental organizations in the Research Triangle. The Triangle area contains one of the largest collections of environmental organizations and expertise in the world, providing unique opportunities for students to conduct research on an immense range of topics from fundamental scientific research to policy applications. Students interested in obtaining course credit for research should speak with either Dr. Geoff Bell (honors advisor) or Dr. Amy Cooke (director of

undergraduate studies) to ensure all the requirements and appropriate paperwork has been approved within the first week of classes.

# Environmental Science and Studies Minor

## Contact Information

### Environment, Ecology, and Energy Program

Visit Program Website (<http://www.cee.unc.edu>)  
3301 Venable Hall, CB# 3275  
(919) 962-1270

### Jaye E. Cable, Chair

[jecable@email.unc.edu](mailto:jecable@email.unc.edu)

### Amy E. Cooke, Director of Undergraduate Studies

[amycooke@unc.edu](mailto:amycooke@unc.edu)

### Violet Anderson, Student Services Manager

[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

The minor is designed for students wishing to remain in another discipline but having an interest in the environment as an area of application. Students must take two core courses designed as preliminary courses in the scientific and societal dimensions of environmental issues and problems and in the tools for their solution.

Students who major in the B.A. or B.S. environmental degree programs are not allowed to minor in environmental science and studies.

## Department Programs

### Majors

- Environmental Studies, B.A. (p. 466)
- Environmental Science, B.S. (p. 473)
- Dual Bachelor's-Master's Degree Programs (p. 472)

### Minors

- Environmental Science and Studies Minor (p. 480)
- Food Studies Minor (p. 481)
- Sustainability Studies Minor (p. 482)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)



For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENEC 202	Introduction to the Environmental Sciences	4
Three additional ENEC courses (at least one at the 400 level or higher)		9-12
Total Hours		17-20

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Environment and Ecology (ENEC) course descriptions (p. 458).

Students must see an ENEC advisor to discuss potential courses. Depending on the courses selected, the minor requires between 17 and 20 credit hours.

See the program page here (p. 472) for special opportunities.

## Food Studies Minor

### Contact Information

#### Environment, Ecology, and Energy Program

Visit Program Website (<http://www.cee.unc.edu>)  
3301 Venable Hall, CB# 3275  
(919) 962-1270

**James Ferguson, Program Advisor**  
[jgfergus@email.unc.edu](mailto:jgfergus@email.unc.edu)

**Amy Cooke, Program Advisor**  
[amycooke@unc.edu](mailto:amycooke@unc.edu)

**Jaye E. Cable, Chair**  
[jecable@email.unc.edu](mailto:jecable@email.unc.edu)

**Amy E. Cooke, Director of Undergraduate Studies**  
[amycooke@unc.edu](mailto:amycooke@unc.edu)

**Violet Anderson, Student Services Manager**  
[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

Food studies is an interdisciplinary field that examines the relationship between food and all aspects of the human experience, including culture and biology, individuals and society, global pathways and local contexts. The minor invites the growing number of students interested in food to advance their studies across a broad range of curricula. The program provides a curricular offering and intellectual framework to complement the co-curricular energy around food on campus, increasing the rigor and discipline with which students use food as a lens for exploration and critical thinking.

The minor is available to students accepted into Honors Carolina and to any undergraduate student who has achieved and maintains a grade point average of 3.00 or better.

## Department Programs

### Majors

- Environmental Studies, B.A. (p. 466)
- Environmental Science, B.S. (p. 473)
- Dual Bachelor's-Master's Degree Programs (p. 472)

### Minors

- Environmental Science and Studies Minor (p. 480)
- Food Studies Minor (p. 481)
- Sustainability Studies Minor (p. 482)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor requires five (5) courses.

Code	Title	Hours
<b>Core Requirements</b>		
NUTR 175	Introduction to Food Studies: From Science to Society	3
Select four (4) electives from the following list: <sup>1</sup>		12
AMST 276	Food and American Studies: Cooking Up a Storm	
AMST/FOLK 375	Food and American Studies: Cooking Up a Storm	
AMST 410	Senior Seminar in Southern Studies	
ANTH 65	First-Year Seminar: Humans and Animals: Anthropological Perspectives	
ANTH 151	Anthropological Perspectives on Food and Culture	
ANTH 252	Archaeology of Food	
ANTH 551	Origins of Agriculture in the Ancient World	
ASIA 52	First-Year Seminar: Food in Chinese Culture	
BIOL 53	First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	
BIOL 221 & 221L	Seafood Forensics and Seafood Forensics Laboratory	
ENEC/ANTH 237	Food, Environment, and Sustainability	
ENEC 370	Agriculture and the Environment <sup>H</sup>	
ENGL 129	Literature and Cultural Diversity	
FREN 286	Food for Thought: The Culture of Cuisine in Modern France	
GEOG 232	Agriculture, Food, and Society	

HIST 325	Food and History: The Local and Global, the United Kingdom and the United States
HNRS 352	(Eats 101, section 001)
ITAL 365	Italian Food and Culture
JAPN 411	Food and Culture in Japan
NUTR 240	Introduction to Human Nutrition
NUTR 245	Sustainable Local Food Systems: Intersection of Local Foods and Public Health
NUTR 630	Nutrition Communication, Counseling and Culture
NUTR 650	Food Science and Culinary Arts
PLCY/ENEC 475	The Political Economy of Food <sup>H</sup>
Total Hours	15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Some courses may require a prerequisite(s). See course description for details.

Additional courses can be applied to the requirements with the approval of the program advisor.

## Graduate School and Career Opportunities

The minor in food studies, in combination with a student's major of interest, prepares students for a variety of careers in health and nutrition, arts and culture, media and journalism, health affairs policy and program management, social services, the academy, entrepreneurship and intrapreneurship, environmental work and sustainability, and consulting. The minor may also be of value for those planning postgraduate studies.

## Sustainability Studies Minor

### Contact Information

#### Environment, Ecology, and Energy Program

Visit Program Website (<http://www.cee.unc.edu>)  
3301 Venable Hall, CB# 3275  
(919) 962-1270

#### Jaye E. Cable, Chair

[jecable@email.unc.edu](mailto:jecable@email.unc.edu)

#### Amy E. Cooke, Director of Undergraduate Studies

[amycooke@unc.edu](mailto:amycooke@unc.edu)

#### Violet Anderson, Student Services Manager

[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

The program provides an understanding of sustainability, a unifying approach to human and environmental problems. Sustainable businesses, communities, and other organizations seek to design systems in ways that optimize material and energy use to decrease environmental and health problems and to bolster economic vitality and social equity. A growing number of scholars are framing problems and solutions in the language of sustainability, which balances growth and development with justice and environmental stewardship in order to meet today's needs without undermining the ability of future generations to do the same.

Students who major in the B.A. or B.S. environmental degree programs are not allowed to minor in sustainability studies.

## Department Programs

### Majors

- Environmental Studies, B.A. (p. 466)
- Environmental Science, B.S. (p. 473)
- Dual Bachelor's-Master's Degree Programs (p. 472)

### Minors

- Environmental Science and Studies Minor (p. 480)
- Food Studies Minor (p. 481)
- Sustainability Studies Minor (p. 482)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC-Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 210 or ENEC 593	Energy in a Sustainable Environment Seminar Environmental Practicum	1
ENEC 330 or ENEC 431	Principles of Sustainability <sup>1</sup> Sustainable Cities: Exploring Ways of Making Cities More Sustainable	3
One of the following:		3
ENEC 393	Internship in Sustainability	
ENEC 493	Environmental Internship (for at least three credits)	
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	
Three elective courses chosen from:		9-12
BUSI 507	Sustainable Business and Social Entrepreneurship <sup>H</sup>	
COMM 375 or ENEC 375	Environmental Advocacy Environmental Advocacy	
ENEC 201	Introduction to Environment and Society <sup>H</sup>	
ENEC 202	Introduction to the Environmental Sciences	
ENEC 305	Data Analysis and Visualization of Social and Environmental Interactions	

ENEC 307	Energy and Material Flows in the Environment and Society
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>
ENEC 350	Environmental Law and Policy
ENEC 351	Coastal Law and Policy
ENEC 370	Agriculture and the Environment <sup>H</sup>
ENEC 405	Mountain Preservation
ENEC 462	Ecosystem Management
ENEC 474	Sustainable Coastal Management
ENEC 479	Landscape Analysis
ENEC 490	Special Topics in Environmental Science and Studies <sup>H</sup>
ENEC 510	Policy Analysis of Global Climate Change
ENEC 547	Energy, Transportation, and Land Use
ENEC 567	Ecological Analyses and Application
ENEC 675	Environmental Communication and the Public Sphere
ENEC/BUSI 463	Business and the Environment <sup>H</sup>
ENEC/ENVR 470	Environmental Risk Assessment
ENEC/ENVR 522	Environmental Change and Human Health
ENEC/ENVR/PLAN/PLCY 686	Policy Instruments for Environmental Management
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice
ENEC/GEOL 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems
ENEC/MASC 220	North Carolina Estuaries: Environmental Processes and Problems
ENEC/MASC 448	Coastal and Estuarine Ecology
ENEC/MASC 471	Human Impacts on Estuarine Ecosystems
ENEC/MEJO 565	Environmental Storytelling
ENEC/PLAN 420	Community Design and Green Architecture
ENEC/PLAN 641	Watershed Planning
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions
ENEC/PLCY 480	Environmental Decision Making
ENEC/PLCY 520	Environment and Development
ENVR 600	Environmental Health
GEOG 237	Natural Resources
GEOG 334	Human Ecology of Health and Disease
GEOG 370	Introduction to Geographic Information
GEOL/MASC 223	Geology of Beaches and Coasts

PHYS 131 & 131L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas and Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas
PLAN 246	Cities of the Past, Present, and Future: Introduction to Planning
PLAN 247	Solving Urban Problems
PLAN 636	Urban Transportation Planning
PLCY 360	State and Local Politics

Total Hours 16-19

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> If both ENEC 330 and ENEC 431 are taken, the second course may satisfy the elective requirement.

The minor requires a minimum of 16 credit hours.

See the program page here (p. 472) for special opportunities.

# DEPARTMENT OF ENVIRONMENTAL SCIENCES AND ENGINEERING

## Contact Information

### Department of Environmental Sciences and Engineering

Visit Program Website (<http://www.sph.unc.edu/ese>)

161 Rosenau Hall, CB# 7431

(919) 966-4818

**Barbara J. Turpin, Chair**

**Louise Ball, Program Co-Director**

[lbball@unc.edu](mailto:lbball@unc.edu)

**Jason Surratt, Program Co-Director**

[surratt@unc.edu](mailto:surratt@unc.edu)

**Karla Townley-Tilson, Academic Coordinator**

[kttilson@unc.edu](mailto:kttilson@unc.edu)

**Wake Harper, Student Services**

[wbh@unc.edu](mailto:wbh@unc.edu)

## Introduction

The Department of Environmental Sciences and Engineering combines the physical sciences, health sciences, engineering, and policy to address current and emerging environmental challenges. This multidisciplinary approach provides unique academic and research opportunities for students. Our undergraduate degree focuses on the environmental health sciences, with specific concentrations in environmental chemistry, environmental health biology, and environmental physics.

## Advising

Student advising is overseen by the director of undergraduate studies; individual student advising is distributed among the department's faculty members. Students interested in one of the concentrations will be advised and mentored by an environmental sciences and engineering faculty member whose expertise is relevant to the concentration. The program director and staff in the Office of Student Affairs will verify that coursework requirements for the concentration have been met. Undergraduate students are encouraged to meet regularly with the program director and review their course of studies each semester. The program director and the Office of Student Services staff work with current and prospective majors by appointment (see contact information above). Departmental academic advising is particularly important for those majors who are considering going on to the dual bachelor's–master's degree. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://sph.unc.edu/envr/environmental-sciences-and-engineering-home>).

## Facilities

The Department of Environmental Sciences and Engineering houses research laboratories located in Rosenau Hall, McGavran-Greenberg Hall, Michael Hooker Research Center, the Baity Building, and off-campus research facilities. These laboratories are involved in important research in water quality, biogeochemistry, atmospheric chemistry

and air pollution, effects of environmental chemicals on DNA tissues and organisms, environmental and public health microbiology, and occupational health and safety.

The department also offers facilities for modeling and computational analysis of environmental systems, such as atmospheric circulation and air quality models, ground and surface water flow and transport models, fluid flow and contaminant transport models for indoor air environments, exposure analysis and health effects, risk assessment, and environmental epidemiology.

More detailed information about the individual laboratories and centers can be found at the department Web site (<http://www.sph.unc.edu/envr>).

## Graduate School and Career Opportunities

While undergraduate education prepares students for citizenship in ways that go beyond professional concerns, the program in environmental health sciences also provides skills needed for employment and graduate study. Students ending their studies at the undergraduate level gain skills necessary to work in positions such as risk analysts in consulting firms and regulatory agencies; research assistants in research laboratories; as environmental health specialists in local, state, and national environmental and environmental health departments; and scientific advisors to environmental organizations. The degree also prepares students for graduate study in the environmental sciences, environmental health sciences, environmental studies, toxicology, and professional disciplines such as medicine, dentistry, veterinary medicine, environmental law, and public health.

Undergraduate students with appropriate science backgrounds have the opportunity to pursue a dual bachelor's–master's degree. This program allows students to complete a master's degree in the department within one additional year of study beyond receipt of the bachelor's degree. Interested students should read the program description and requirements (<http://sph.unc.edu/envr/envr-degrees>) carefully.

Students have opportunities to explore possibilities for employment through the rich network of connections among the department, University, and numerous environmental organizations in the Research Triangle Park area, which is home to the highest concentration of environmental health sciences groups in the nation.

### Major

- Environmental Health Sciences Major, B.S.P.H. (p. 490)

## Professors

Michael D. Aitken, Louise M. Ball, James P. Bartram, Gregory W. Characklis, Carol Folt, Rebecca C. Fry, Avram Gold, Cass T. Miller, Leena Nylander-French, Mark D. Sobsey, James A. Swenberg, Barbara J. Turpin, Howard S. Weinberg, Dale Whittington.

## Associate Professors

Orlando Coronell, Jacqueline MacDonald Gibson, Marc L. Serre, Jill Stewart, Jason Surratt, William Vizuete, J. Jason West.

## Assistant Professor

Kun Lu.

## Lecturer

Courtney Woods.

## Joint Professors

John M. Bane, Ilona Jaspers, Richard A. Luettich Jr., Christopher S. Martens, Rachel T. Noble, Hans W. Paerl, Paul B. Watkins.

## Joint Associate Professor

Michael F. Piehler.

## Research Professors

Michael R. Flynn, William G. Gray, Richard M. Kamens, Glenn Morrison.

## Research Assistant Professors

Wanda Bodnar, Zhenfa Zhang.

## Joint Research Professor

David McNelis.

## Adjunct Professors

Greg Allgood, Francis Binkowski, Linda S. Birnbaum, Clarissa Brocklehust, Gaylen R. Brubaker, Daniel L. Costa, David DeMarini, David Dix, Shabbir Gheewala, M. Ian Gilmour, David Leith, Wayne Litaker, Michael Madden, David Peden, Terrence K. Pierson, Joseph Pinto, Joachim Pleil, James Samet, Woodhall Stopford.

## Adjunct Associate Professors

Sarav Arunachalam, John M. Dement, Thomas B. Starr, Miroslav Styblo.

## Adjunct Assistant Professors

Jacky Rosati, Roger Sit.

## Adjunct Lecturer

Raymond Hackney.

## Professors Emeriti

Richard N.L. Andrews, Russell F. Christman, Douglas J. Crawford-Brown, Francis A. DiGiano, Donald L. Fox, Donald E. Francisco, Harvey E. Jeffries, Donald L. Lauria, David H. Moreau, Frederic K. Pfaender, Mark Shuman, Philip C. Singer, Charles M. Weiss, Stephen C. Whalen, Donald Willhoit.

## ENVR–Environmental Health Sciences

### Undergraduate-level

**ENVR 190. Selected Topics in Undergraduate Studies. 1-3 Credits.**

Permission of the instructor. Current topics of interest in environmental science and their application to understanding environmental issues are directed towards undergraduates. Topics and instructors will change.

One to three lecture hours per week.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENVR 205. Engineering Tools for Environmental Problem Solving. 3 Credits.**

Introduction to mass, energy, and momentum transport applied to environmental problem solving. Students ask and answer policy-oriented questions (define systems, document assumptions, explain the value and limitations of quantitative answers). They will apply these tools to the design of engineered solutions and characterization of natural and perturbed systems.

**Requisites:** Prerequisite, MATH 231.

**Gen Ed:** PL, CI, QI.

**Grading status:** Letter grade.

**ENVR 230. Environmental Health Issues. 3 Credits.**

Examines key events that have shaped our understanding of the impacts of environmental agents on human health and uses them to introduce basic concepts in environmental health.

**Grading status:** Letter grade.

**ENVR 295. Undergraduate Research. 3 Credits.**

Directed readings or laboratory study. Written reports are required. May be taken more than once for credit. Six to nine hours per week.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENVR 296. Readings in Environmental Sciences and Engineering. 1-9 Credits.**

### Advanced Undergraduate and Graduate-level

**ENVR 400. Seminar Series. 1 Credit.**

Presents the results of ongoing research projects in the Department of Environmental Sciences and Engineering. Topics and presenters are selected from among the departmental graduate students and faculty.

**Grading status:** Letter grade.

**ENVR 403. Environmental Chemistry Processes. 3 Credits.**

Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.

**Grading status:** Letter grade

**Same as:** ENEC 403.

**ENVR 404. Life Cycle Assessment: Energy and the Environment. 3 Credits.**

A systems approach to dealing with environmental pollution problems is highlighted and Life Cycle Assessment (LCA) is introduced as an assessment tool. Topics include basic environmental interactions; biogeochemical cycles and environmental impacts (global, regional, and local); and application of LCA to waste management and energy conversion systems; are addressed.

**Grading status:** Letter grade.

**ENVR 411. Laboratory Techniques and Field Measurements. 3 Credits.**

Students learn laboratory, field, and analytical skills. Provides a solid introduction to experimental research in environmental sciences and engineering. Students are provided with applications in limnology, aquatic chemistry, and industrial hygiene.

**Grading status:** Letter grade.



**ENVR 412. Ecological Microbiology. 3 Credits.**

Required preparation, one course in general microbiology. A description of microbial populations and communities, the environmental processes they influence, and how they can be controlled to the benefit of humankind.

**Grading status:** Letter grade.

**ENVR 413. Limnology. 3 Credits.**

Required preparation, introductory biology, chemistry, and physics. Basic aspects of freshwater ecosystem function. Emphasis on trophic-level interactions and integration of physical, chemical, and biological principles for a holistic view of lake ecosystem dynamics.

**Grading status:** Letter grade.

**ENVR 416. Aerosol Physics and Chemistry. 4 Credits.**

Permission of the instructor for nonmajors. Physical and chemical principles underlying behavior of particles suspended in air. Topics include rectilinear and curvilinear motion of the particles in a force field, diffusion, evaporation, and condensation, electrical and optical properties, and particle coagulation. Three lecture hours a week and two laboratory sessions.

**Grading status:** Letter grade.

**ENVR 417. Oceanography. 3 Credits.**

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. Students may not receive credit for both MASC 101 and MASC 401.

**Grading status:** Letter grade

**Same as:** MASC 401, BIOL 350, GEOL 403.

**ENVR 419. Chemical Equilibria in Natural Waters. 3 Credits.**

Principles and applications of chemical equilibria to natural waters. Acid-base, solubility, complex formation, and redox reactions are discussed. This course uses a problem-solving approach to illustrate chemical speciation and environmental implications. Three lecture hours per week.

**Grading status:** Letter grade.

**ENVR 421. Environmental Health Microbiology. 3 Credits.**

Required preparation, introductory course in microbiology or permission of the instructor. Presentation of the microbes of public health importance in water, food, and air, including their detection, occurrence, transport, and survival in the environment; epidemiology and risks from environmental exposure. Two lecture and two laboratory hours per week.

**Grading status:** Letter grade.

**ENVR 423. Industrial Toxicology. 3 Credits.**

Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure

**Grading status:** Letter grade

**Same as:** PHNU 423.

**ENVR 425. Introduction to Health Physics: Radiation and Radiation Protection. 3 Credits.**

This course concentrates on fundamentals of radiation and protection, including types of radiation, radioactive decay, interaction with matter, biological effects, detection and measurement, protection methods/techniques, external and internal dose, etc. Lectures include hazards in categories of environmental radiation, nuclear energy, medical applications, industrial uses, etc.

**Grading status:** Letter grade.

**ENVR 430. Health Effects of Environmental Agents. 3 Credits.**

Required preparation, basic biology, chemistry through organic, calculus. Permission of the instructor for students lacking this preparation. Interactions of environmental agents (chemicals, infectious organisms, radiation) with biological systems including humans, with attention to routes of entry, distribution, metabolism, elimination, and mechanisms of adverse effects. Three lecture hours per week.

**Grading status:** Letter grade.

**ENVR 431. Techniques in Environmental Health Sciences. 2 Credits.**

Required preparation, basic biology, chemistry through organic, math through calculus; permission of the instructor for students lacking this preparation. A practical introduction to the measurement of biological end-points, emphasizing adverse effects of environmental agents, using laboratory and field techniques. Two laboratory hours per week.

**Grading status:** Letter grade.

**ENVR 432. Occupational Safety and Ergonomics. 3 Credits.**

Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.

**Grading status:** Letter grade.

**ENVR 433. Health Hazards of Industrial Operation. 3 Credits.**

An introduction to the health hazards associated with the various unit operations of industry. Field trips to local industries planned.

**Grading status:** Letter grade.

**ENVR 442. Biochemical Toxicology. 3 Credits.**

Required preparation, one course in biochemistry. Biochemical actions of toxicants and assessment of cellular damage by biochemical measurements. Three lecture hours per week.

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** BIOC 442, TOXC 442.

**ENVR 451. Elements of Chemical Reactor Engineering. 3 Credits.**

Focuses on chemical reaction rates and reaction mechanisms. Covers mole balances, rate laws, chemical kinetics, and reactor design. Principles are applied to any environmental system where chemical transformations must be described. Three lecture hours per week.

**Grading status:** Letter grade.

**ENVR 452. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow.

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MASC 560, GEOL 560, PHYS 660.

**ENVR 453. Groundwater Hydrology. 3 Credits.**

Required preparation, math through differential equations and some familiarity with fluid mechanics. Conservation principles for mass, momentum, and energy developed and applied to groundwater systems. Scope includes the movement of water, gas, and organic liquid phases, the transport and reaction of contaminants. Three lecture hours per week.

**Grading status:** Letter grade.

**ENVR 468. Temporal GIS and Space/Time Geostatistics for the Environment and Public Health. 3 Credits.**

Reviews geographical information systems (GIS). Covers geostatistics theory for the interpolation of environmental and health monitoring data across space and time. Uses publicly available water and air quality monitoring data to create maps used for environmental assessment, regulatory compliance analysis, exposure science, and risk analysis.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** ENEC 468.

**ENVR 470. Environmental Risk Assessment. 3 Credits.**

Required preparation, one course in probability and statistics. Use of mathematical models and computer simulation tools to estimate the human health impacts of exposure to environmental pollutants. Three lecture hours per week.

**Grading status:** Letter grade

**Same as:** ENEC 470.

**ENVR 472. Quantitative Risk Assessment in Environmental Health Microbiology. 3 Credits.**

Recommended preparation, microbiology, epidemiology, and infectious diseases. Survey of alternative approaches, frameworks, and decision-making tools for quantitative risk assessment of microbial pathogens that infect humans and cause disease by the exposure routes of water, food, air, and other vehicles.

**Grading status:** Letter grade.

**ENVR 475. Global Climate Change: Interdisciplinary Perspectives. 1 Credit.**

This class addresses the complexity and importance of global climate change from several disciplines. A top expert will lecture each week, addressing several themes including the science of human influences on climate, impacts and adaptation, global energy and technology, communication, and economics and international solutions. Pass/Fail only.

**Grading status:** Pass/Fail.

**ENVR 480. Modeling of Marine and Earth Systems. 1-3 Credits.**

Mathematical modeling of dynamic systems, linear and nonlinear. The fundamental budget equation. Case studies in modeling transport, biogeochemical processes, population dynamics. Analytical and numerical techniques; chaos theory; fractal geometry.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MASC 480, GEOL 480.

**ENVR 500. Environmental Processes, Exposure, and Risk Assessment. 3 Credits.**

Environmental chemical and biological transport and transformation, exposure to environmental contaminants, and environmental risk assessment.

**Requisites:** Prerequisite, CHEM 261.

**Grading status:** Letter grade.

**ENVR 505. Chemical Oceanography. 4 Credits.**

Graduate students only; undergraduates must have permission of the instructor. Overview of chemical processes in the ocean. Topics include physical chemistry of seawater, major element cycles, hydrothermal vents, geochemical tracers, air-sea gas exchange, particle transport, sedimentary processes, and marine organic geochemistry. Three lecture and two recitation hours per week.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 505, GEOL 505.

**ENVR 514. Measurement of NO<sub>x</sub>, O<sub>3</sub>, and Volatile Organic Compounds. 3 Credits.**

This course is intended to develop a student's ability to operate the primary instruments for measuring these important pollutants, collect and process samples where necessary, record data, and process instrument data into final air concentration data.

**Grading status:** Letter grade.

**ENVR 520. Biological Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 504, BIOL 657.

**ENVR 522. Environmental Change and Human Health. 3 Credits.**

The course will provide students with a multidisciplinary perspective of environmental changes to encompass both human health and ecological health.

**Requisites:** Prerequisite, ENEC 201 or 202.

**Grading status:** Letter grade

**Same as:** ENEC 522.

**ENVR 552. Organic Geochemistry. 3 Credits.**

Recommended preparation, CHEM 261 or MASC 505, and one additional ENVR, GEOL, or MASC course above 400. Sources, transformations, and fate of natural organic matter in marine environments. Emphasis on interplay of chemical, biological, and physical processes that affect organic matter composition, distribution, and turnover.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 552, GEOL 552.

**ENVR 570. Methods of Environmental Decision Analysis. 3 Credits.**

Required preparation, one course in probability and statistics. Use of quantitative tools for balancing conflicting priorities (such as costs versus human health protection) and evaluating uncertainties when making environmental decisions.

**Grading status:** Letter grade.

**ENVR 575. Global Climate Change: Science, Impacts, Solutions. 3 Credits.**

This class addresses the importance of climate change in its entirety. The first half of the course addresses climate science, followed by climate change impacts, energy and mitigation technologies, economics, and international politics. Improving communication and quantitative skills is emphasized through homework, in-class presentations, and a research paper.

**Grading status:** Letter grade.

**ENVR 580. Policy Design for Environmental Health Solutions. 3 Credits.**

Students will be introduced to the types of policy instruments that can be used to solve environmental health problems. The course provides a framework for understanding the tasks involved, the main institutions responsible, and an in-depth description of the policy instruments used to tackle environmental health problems.

**Grading status:** Letter grade.

**ENVR 582. Sanitation for Development. 3 Credits.**

Over a million children die yearly from diarrhea, in part because 1.5 billion humans do not have access to a basic toilet. This course will enable students to understand public health and environmental consequences of inadequate sanitation, basic sanitation technologies, and a number of approaches to its social promotion.

**Gen Ed:** PL, GL.

**Grading status:** Letter grade.

**ENVR 585. American Environmental Policy. 3 Credits.**

Intensive introduction to environmental management and policy, including environmental and health risks; policy institutions, processes, and instruments; policy analysis; and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** ENEC 585, PLAN 585, PLCY 585.

**ENVR 593. Undergraduate Practicum in Environmental Health Sciences. 1-3 Credits.**

A practical experience in a setting relevant to environmental health.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENVR 600. Environmental Health. 3 Credits.**

This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.

**Grading status:** Letter grade.

**ENVR 601. Epidemiology for Environmental Scientists. 3 Credits.**

An introduction to relevant epidemiologic concepts that inform environmental science research. Learning objectives include discussing basic epidemiologic concepts and measures of disease occurrence in populations, explaining epidemiological study designs for studying associations between risk factors or exposures in populations, evaluating epidemiologic evidence, and comprehending basic ethical principles.

**Grading status:** Letter grade.

**ENVR 610. Global Perspectives on Environmental Health Inequalities. 3 Credits.**

Students will learn about how social, economic, and political factors impact environmental health outcomes and will be introduced to theories and methods for incorporating social determinants frameworks into environmental health research, as well as the role of environmental justice movements.

**Grading status:** Letter grade.

**ENVR 630. Systems Biology in Environmental Health. 3 Credits.**

Required preparation, one year of biology. Environmental systems biology examines how environmental stressors influence the components of a biological system, and how the interactions between these components result in changes in the function and behavior of that system.

**Grading status:** Letter grade.

**ENVR 640. Environmental Exposure Assessment. 3 Credits.**

Permission of the instructor for nonmajors. The course material introduces the general concepts of assessing environmental exposures to chemicals in human populations. This includes the design of ecologic and personal monitoring studies, the techniques and equipment used for sampling and analysis, and interpretation of data.

**Grading status:** Letter grade.

**ENVR 650. Principles of Chemical Carcinogenesis. 2 Credits.**

Required preparation, organic chemistry. Bioactivation of carcinogens, interaction of activated metabolites with DNA, and their effects on DNA structure, replication, repair, and the control of these processes during development of chemically induced carcinogenesis. Two lecture hours per week.

**Grading status:** Letter grade.

**ENVR 661. Scientific Computation I. 3 Credits.**

Requires some programming experience and basic numerical analysis. Error in computation, solutions of nonlinear equations, interpolation, approximation of functions, Fourier methods, numerical integration and differentiation, introduction to numerical solution of ODEs, Gaussian elimination.

**Grading status:** Letter grade

**Same as:** MATH 661.

**ENVR 662. Scientific Computation II. 3 Credits.**

Theory and practical issues arising in linear algebra problems derived from physical applications, e.g., discretization of ODEs and PDEs. Linear systems, linear least squares, eigenvalue problems, singular value decomposition.

**Requisites:** Prerequisite, MATH 661.

**Grading status:** Letter grade

**Same as:** MATH 662, COMP 662.

**ENVR 666. Numerical Methods. 3 Credits.**

Numerical methods for solving problems arising in sciences and engineering. Solution of linear equations using direct and iterative approaches, solution of nonlinear systems of algebraic equations, solution of ordinary differential equations including single and multistep methods, and methods for stiff systems of ODEs and collocation methods for linear and nonlinear PDEs.

**Requisites:** Prerequisites, COMP 116 and MATH 383.

**Grading status:** Letter grade.

**ENVR 668. Methods of Applied Mathematics I. 3 Credits.**

Requires an undergraduate course in differential equations. Contour integration, asymptotic expansions, steepest descent/stationary phase methods, special functions arising in physical applications, elliptic and theta functions, elementary bifurcation theory.

**Grading status:** Letter grade

**Same as:** MATH 668.

**ENVR 669. Methods of Applied Mathematics II. 3 Credits.**

Perturbation methods for ODEs and PDEs, WKBJ method, averaging and modulation theory for linear and nonlinear wave equations, long-time asymptotics of Fourier integral representations of PDEs, Green's functions, dynamical systems tools.

**Requisites:** Prerequisite, MATH 668.

**Grading status:** Letter grade

**Same as:** MATH 669.

**ENVR 671. Environmental Physics I. 3 Credits.**

A first graduate-level course in physical principles relevant to environmental systems. Topics include dimensional analysis, tensor calculus, conservation of mass and momentum. Applications are considered from natural and engineered systems and across all relevant media. Focus is on the development of mechanistic representation of environmental systems.

**Grading status:** Letter grade.

**ENVR 672. Environmental Physics II. 3 Credits.**

Second part of a graduate-level sequence in physical principles relevant to environmental systems. Topics include turbulence, conservation of energy, multiscale methods, and thermodynamics. Applications are considered from natural and engineered systems and across all relevant media. Focus is on development of mechanistic representation of environmental systems.

**Requisites:** Prerequisite, ENVR 671.

**Grading status:** Letter grade.

**ENVR 673. Hydraulics for Environmental Engineering. 3 Credits.**

Permission of the instructor for undergraduates. This course teaches practical basics of how to solve environmental engineering problems in the hydraulics of pipes, pumps, networks, and open channels. The course is a mix of classroom lectures, problem-solving sessions, and laboratory sessions.

**Requisites:** Prerequisites, MATH 231 and PHYS 114.

**Grading status:** Letter grade.

**ENVR 675. Air Pollution, Chemistry, and Physics. 3 Credits.**

This class is designed for graduate students planning for research in air pollution, emphasizing chemical kinetics and engineering approaches to problem solving in addition to atmospheric structure, meteorology, and modeling. We address problems of stratospheric and tropospheric ozone, particulate matter, and acid rain. We emphasize quantitative problem solving in homework.

**Grading status:** Letter grade.

**ENVR 682. Water, Sanitation, Hygiene, and Global Health. 3 Credits.**

Builds on an understanding of infectious and toxic hazards, disease causation, and environmental transmission. Deals with hazard and disease classification; safety, risk, and vulnerability; interventions and their health impact; approaches in different settings; distal factors (e.g., water scarcity, climate change); and approaches to studying unsafe water, sanitation, and hygiene.

**Grading status:** Letter grade.

**ENVR 683. Water-Health Research I. 2 Credits.**

Permission of the instructor for undergraduates and nonmajors. Introduces students to methods for research conception, design, planning, and implementation in fields related to water and its impacts on health. Students study approaches and tools that may be applied in water-related research and are coached in developing their own research design.

**Grading status:** Letter grade.

**ENVR 684. Water-Health Research II. 2 Credits.**

Permission of the instructor for undergraduates and nonmajors. Familiarizes students with the principles of scientific communication with an emphasis on scientific writing and oral presentations. Using their own water and health research, students learn how to communicate effectively in informal settings and how to prepare for interviews with the media.

**Grading status:** Letter grade.

**ENVR 685. Water and Sanitation Planning and Policy in Less Developed Countries. 3 Credits.**

Permission of the instructor. Seminar on policy and planning approaches for providing improved community water and sanitation services in developed countries. Topics include the choice of appropriate technology and level of service, pricing, metering, and connection charges; cost recovery and targeting subsidies to the poor; water venting; community participation in the management and operation of water systems; and rent-seeking behavior in the provision of water supplies.

**Grading status:** Letter grade

**Same as:** PLAN 685.

**ENVR 686. Policy Instruments for Environmental Management. 3 Credits.**

Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.

**Requisites:** Prerequisite, ECON 410 or PLAN 710.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PLCY 686, ENEC 686, PLAN 686.

**ENVR 687. Writing for Journal Publication on Water and Sanitation Hygiene, Health, and Development. 2 Credits.**

This course familiarizes students with scientific paper writing and coaches students towards journal manuscript submission. Students should have a data set of results. Sessions begin with student presentations and discussion, followed by a brief preparatory lecture on the next assignment. Substantive preparation is required between sessions.

**Grading status:** Letter grade.

**ENVR 691H. Honors Research. 3 Credits.**

Permission of the instructor. Directed readings or laboratory study of a selected topic. A written report is required in the form of an honors thesis (ENVR 692H).

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENVR 692H. Honors Thesis. 3 Credits.**

Students complete honors research projects.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ENVR 695. Undergraduate Research. 1-3 Credits.**

Directed readings or laboratory study. Written reports are required. May be taken more than once for credit. Three to nine hours per week.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ENVR 698. Senior Capstone Course. 3 Credits.**

This capstone course covers a range of issues in public health ethics, particularly focused on environmental health. Students will work on a team-based project over the course of the semester. The projects will be focused on topics that have ethical relevance and will integrate students' knowledge in environmental health.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Environmental Health Sciences Major, B.S.P.H.

### Contact Information

#### Department of Environmental Sciences and Engineering

Visit Program Website (<http://www.sph.unc.edu/ese>)

161 Rosenau Hall, CB# 7431

(919) 966-4818

**Barbara J. Turpin, Chair**

**Louise Ball, Program Co-Director**

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**Wake Harper, Student Services**

[wbh@unc.edu](mailto:wbh@unc.edu)

The undergraduate major in environmental health sciences is designed to develop a comprehensive understanding of the environmental factors that impact human health; the physical, chemical, and biological processes that underlie the impact of human activity on the environment and human health; methods used to assess the impact of human activity on the environment and human health; and science-based solutions for environmental problems. Students may choose to emphasize environmental chemistry, environmental health biology, or environmental physics by selecting those concentrations. Admission into the program requires satisfactory completion of coursework in basic sciences and mathematics. Recent graduates have entered graduate programs in environmental science, microbiology, marine science, applied mathematics, and environmental engineering. Students who pursued employment after completing the B.S.P.H. degree are working in environmental advocacy organizations, environmental consulting firms, industry, and investment banking firms.

Upon completion of the B.S. in environmental science and engineering, students should be able to:

- Demonstrate knowledge of the fundamental sciences
- Describe the relationship between public health and environmental sciences and engineering
- Identify major issues in environmental sciences and engineering
- Describe significant regulatory components that have shaped environmental policy
- Demonstrate written and oral communication skills related to environmental sciences and engineering issues within a public health context

## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill.

For more information, please consult the degree requirements section of the catalog (p. 100).

Admission (p. 932) to the program is required. Students apply in the spring of their sophomore year. By the end of their sophomore year successful applicants should have earned a grade of C or better from UNC–Chapel Hill in at least one course per group in three of the following groups:

Code	Title	Hours
<b>Group 1</b>		
BIOL 201	Ecology and Evolution <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
<b>Group 2</b>		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
<b>Group 3</b>		
COMP 116	Introduction to Scientific Programming	3
or approved alternatives:		
BIOL 201H	Ecology and Evolution	4
BIOL/MATH 553	Mathematical and Computational Models in Biology	3
GEOG 597	Ecological Modeling	3
<b>Group 4</b>		
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> / BioCalculus I	3-4
MATH 232 or MATH 283	Calculus of Functions of One Variable II <sup>H</sup> / BioCalculus II	3-4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
<b>Group 5</b>		
PHYS 114	General Physics I: For Students of the Life Sciences	4
PHYS 115	General Physics II: For Students of the Life Sciences	4
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

The major in environmental health sciences includes several concentrations:

- General (p. 491)
- Environmental Chemistry (p. 491)



- Environmental Health Biology (p. 491)
- Environmental Physics (p. 492)

## Requirements for All Concentrations

Code	Title	Hours
<b>Core Requirements</b>		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference	3
EPID 600	Principles of Epidemiology for Public Health	3
HBEH 600	Social and Behavioral Sciences in Public Health	3
HPM 600	Introduction to Health Policy and Management	3
Other Core Courses:		
ENVR 230	Environmental Health Issues	3
ENVR 430	Health Effects of Environmental Agents	3
One of the following:		
ENVR 698	Senior Capstone Course (to be taken in the senior year)	3
ENVR 593	Undergraduate Practicum in Environmental Health Sciences (with approval)	3
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
BIOL 201	Ecology and Evolution <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
One of the following:		
COMP 116	Introduction to Scientific Programming	3-4
BIOL 201H	Ecology and Evolution	3-4
BIOL/MATH 553	Mathematical and Computational Models in Biology	3-4
GEOG 597	Ecological Modeling	3-4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	3-4
or MATH 241	BioCalculus I	3-4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	3-4
or MATH 283	BioCalculus II	3-4
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>1</sup>	4
or PHYS 114	General Physics I: For Students of the Life Sciences	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>1</sup>	4
or PHYS 115	General Physics II: For Students of the Life Sciences	4

Students must satisfy the experiential education, global issues, U.S. diversity, and two additional Connections (p. 27) requirements.

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> preferred

## General Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		
Complete four advanced (400-level or above) courses with a substantive environmental health content <sup>1</sup>		8-12
<b>Additional Requirements</b>		
MATH 233	Calculus of Functions of Several Variables <sup>2, H</sup>	4

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> At least two must be listed within the Department of Environmental Sciences and Engineering. This requirement is satisfied by any ENVR course (or course cross-listed with ENVR) that is at least two credit hours and numbered between 401 and 690, except for ENVR 593, ENVR 600, and ENVR 601. Other courses may be substituted with the approval of the director of undergraduate studies. These courses provide an overview of the principles of environmental science and their application to environmental problems. Environmental health sciences (ENHS) majors are not required to take ENVR 600. ENVR 430 meets the Gillings School of Global Public Health requirement for ENHS majors.

<sup>2</sup> if placed out of MATH 231 and MATH 232

## Environmental Chemistry Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		
All students must complete four advanced (400-level or above) courses selected from:		12
ENVR 403	Environmental Chemistry Processes	
ENVR 416	Aerosol Physics and Chemistry	
ENVR 419	Chemical Equilibria in Natural Waters	
ENVR 451	Elements of Chemical Reactor Engineering	
ENVR 575	Global Climate Change: Science, Impacts, Solutions	
ENVR 650	Principles of Chemical Carcinogenesis	
ENVR 675	Air Pollution, Chemistry, and Physics	
<b>Additional Requirements</b>		
CHEM 481	Physical Chemistry I	3
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Environmental Health Biology Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		

All students must complete four advanced (400-level or above) courses selected from:

ENVR 411	Laboratory Techniques and Field Measurements	12
ENVR 412	Ecological Microbiology	
ENVR 421	Environmental Health Microbiology	
ENVR 423	Industrial Toxicology	
ENVR 425	Introduction to Health Physics: Radiation and Radiation Protection	
ENVR 433	Health Hazards of Industrial Operation	
ENVR 442	Biochemical Toxicology	
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	
ENVR 610	Global Perspectives on Environmental Health Inequalities	
ENVR 630	Systems Biology in Environmental Health	
ENVR 640	Environmental Exposure Assessment	

## Environmental Physics Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		
All students must complete four advanced (400-level or above) courses selected from the following list:		
ENVR 403	Environmental Chemistry Processes	12
ENVR 416	Aerosol Physics and Chemistry	
ENVR 451	Elements of Chemical Reactor Engineering	
ENVR 452	Fluid Dynamics	
ENVR 453	Groundwater Hydrology	
ENVR 666	Numerical Methods	
ENVR 671	Environmental Physics I	
ENVR 472	Quantitative Risk Assessment in Environmental Health Microbiology	
ENVR 675	Air Pollution, Chemistry, and Physics	
<b>Additional Requirements</b>		
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	3-4
or	or BioCalculus I	
MATH 241		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
Hours		7-8
<b>Spring Semester</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
BIOL 201	Ecology and Evolution <sup>H</sup>	4
Hours		8
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Hours		8
<b>Spring Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
COMP 116	Introduction to Scientific Programming	3
Hours		11
<b>Junior Year</b>		
<b>Fall Semester</b>		
ENVR 230	Environmental Health Issues	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
HPM 600	Introduction to Health Policy and Management	3
Hours		9
<b>Spring Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
HBEH 600	Social and Behavioral Sciences in Public Health	3
ENVR 403	Environmental Chemistry Processes	3
ENVR 695	Undergraduate Research	1-3
Hours		11-13
<b>Senior Year</b>		
<b>Fall Semester</b>		
BIOS 600	Principles of Statistical Inference	3
ENVR 412	Ecological Microbiology	3
ENVR 430	Health Effects of Environmental Agents	3
ENVR 593	Undergraduate Practicum in Environmental Health Sciences	1-3
ENVR 691H	Honors Research	3
Hours		13-15
<b>Spring Semester</b>		
EPID 600	Principles of Epidemiology for Public Health	3
ENVR 423	Industrial Toxicology	3
ENVR 470	Environmental Risk Assessment	3

ENVR 692H Honors Thesis	3
Hours	12
Total Hours	79-84

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Environmental Health Sciences

### Dual Bachelor's-Master's Degree Program

The Department of Environmental Sciences and Engineering offers a dual (or "+1") master's degree for students who have completed a B.S.P.H or any B.S. in a STEM field from UNC–Chapel Hill. A dual master's degree has the same overall credit requirements as a regular master's degree, but it allows a student to potentially finish in a single year. The dual degree M.S. and M.S.P.H. degrees are research-focused; the M.P.H. is focused on coursework and public health practice. These degrees prepare students to work as researchers, program officers, or consultants in industry, government organizations, and the non-profit sector; many graduates have gone on to complete doctoral degrees at UNC–Chapel Hill or elsewhere.

Students interested in the dual degree program must have completed their B.S. or B.S.P.H. in the previous academic year. Students progressing to an M.S. can transfer up to nine hours of graduate-level (400 or above) coursework that did not count toward their bachelor's degree program; M.P.H. and M.S.P.H. students may transfer up to twelve hours. For the M.S. and M.S.P.H., it is strongly recommended that students have identified an advisor and made progress toward their master's research as early as possible, preferably by their senior year.

### Honors in Environmental Health Sciences

Students who have a grade point average of 3.3 or higher are eligible to participate in honors research and to write an honors thesis.

### Study Abroad

There are several opportunities for pursuing environmental study abroad, both through the department and through the UNC Study Abroad Office (<http://studyabroad.unc.edu/studyabroad.cfm>).

### Undergraduate Research

Many undergraduate students participate in the research programs of the department. Students are encouraged to consult individual faculty members for opportunities to participate in such research. In addition, the department has information concerning fellowships and internships, some of which are combined with research opportunities in laboratories or field settings.

# CURRICULUM IN CONTEMPORARY EUROPEAN STUDIES

## Contact Information

### Curriculum in Contemporary European Studies

Visit Program Website (<http://europe.unc.edu/euro>)  
FedEx Global Education Center Room 3210, CB# 3449  
(919) 962-6765

**John D. Stephens, Director**

**Kathleen Lindner, Director of Undergraduate Studies**

[klindner@email.unc.edu](mailto:klindner@email.unc.edu)

## Introduction

The curriculum in contemporary European studies is designed to provide students with

- A broad interdisciplinary understanding of modern Europe and the European Union
- A focused understanding of contemporary Europe from the perspective of a selected social science, and
- Advanced proficiency in a modern European language

Students are especially encouraged to combine the major with a second major in a noninterdisciplinary field such as political science, economics, or history. Through its unique combination of advanced coursework and language training, the curriculum provides the intellectual building blocks to study contemporary Europe through a sophisticated framework. Students completing the major will be well prepared for graduate or professional study of contemporary Europe and for a range of international careers.

## Advising

In addition to the guidance provided by the primary academic advisors in Steele Building, contemporary European studies majors receive individualized advising at all stages of academic planning, including considering courses, internships, study abroad options, graduate programs, and career paths. Students interested in pursuing a major in contemporary European studies are encouraged to meet with the curriculum advisor as early as possible in their undergraduate career to design a comprehensive and efficient course plan and take full advantage of study abroad and other international education opportunities. Consult the curriculum Web site (<http://europe.unc.edu/euro>) for further information on courses, funding awards, campus resources, and the alumni network.

### Major

- Contemporary European Studies Major, B.A. (p. 495)

## Advisory Board

Sam Amago (Romance Studies), Chad Bryant (History), Douglas Elvers (Kenan-Flagler Business School), Liesbet Hooghe (Political Science), Klaus Larres (History), Rahsaan Maxwell (Political Science), Layna Mosley (Political Science), Richard Myers (Law), Francois Nielsen

(Sociology), Susan Dabney Pennybacker (History), John Pickles (Geography), Donald Searing (Political Science).

## Affiliated Faculty

Karen Auerbach (History), Cemil Aydin (History), Cameron Ballard-Rosa (Political Science), Anna Bassi (Political Science), Banu Gökariksel (Geography), Karen Hagemann (History), Jonathan Hess (Germanic and Slavic Languages and Literatures), Tobias Hof (History), Evelyne Huber (Political Science), Konrad Jarausch (History), Robert Jenkins (Political Science), Lloyd Kramer (History), Richard Langston (Germanic and Slavic Languages and Literatures), Priscilla Layne (Germanic and Slavic Languages and Literatures), Gary Marks (Political Science), John McGowan (English), Timothy McKeown (Political Science), Hassan Melehy (Romance Studies), Holger Moroff (Political Science), Thomas Oatley (Political Science), Susan Harbage Page (Women's and Gender Studies), Tony Perucci (Communications), Donald Reid (History), Graeme Robertson (Political Science), Daniel Sherman (History and Art History), Louise Spieler (Media and Journalism), Gabriel Trop (Germanic and Slavic Languages and Literatures), Milada Vachudova (Political Science, Global Studies), Ruth von Bernuth (Germanic and Slavic Languages and Literatures, Center for Jewish Studies), Ewa Wampuszyc (Germanic and Slavic Languages and Literatures).

The Center for European Studies also hosts many visiting scholars from Europe.

## EURO–Contemporary European Studies Undergraduate-level Courses

### EURO 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### EURO 159. From War to Prosperity: 20th-Century Europe. 3 Credits.

A critical overview of 20th-century European history, with particular attention to the constant ethnic, religious, social, economic, and cultural struggles (including Holocaust, Cold War) in various subunits of the old continent.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 159.

### EURO 190. Special Topics Seminar in Contemporary European Studies. 1-3 Credits.

A detailed examination of selected topics in the field of Contemporary European Studies.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### EURO 239. Introduction to European Government. 3 Credits.

A treatment of the political institutions and processes of western European democracies, with special attention to France, Germany, England, and Italy.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade

**Same as:** POLI 239.

**EURO 239H. Introduction to European Government. 3 Credits.**

A treatment of the political institutions and processes of western European democracies, with special attention to France, Germany, England, and Italy.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade

**Same as:** POLI 239H.

**EURO 252. Politics, Society, and Culture in Modern Germany (1871-1945). 3 Credits.**

This course explores the history of Modern Germany, by focusing on Imperial Germany, the Weimar Republic and the Third Reich. We will study continuities and changes in politics, society, and culture and examine the lasting impact of World War I, World War II and the Holocaust.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 252.

**EURO 257. Politics, Society, and Culture in Postwar Germany. 3 Credits.**

The interdisciplinary seminar will explore cultural, historical, and political issues of contemporary Germany and analyze German developments from the postwar period to the present. Readings and discussions in English.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 257, POLI 257.

**EURO 259. Towards Emancipation? Women in Modern Europe. 3 Credits.**

This course examines and compares the situation of women in politics, the work force, society and family from the French Revolution to the new women's movement in the 1970s with a focus on Britain, France and Germany. One major theme is the history of the struggle for women's emancipation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 259, WGST 259.

**EURO 332H. Cultural Diversity in Francophone Cinema. 3 Credits.**

Focuses on the construction of cultural identities in French films within a European context from the 1980s until today.

**Requisites:** Prerequisite, FREN 260 or 312.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** FREN 332H, CMPL 332H.

**EURO 347. Fascist Challenge in Europe, 1918-1945. 3 Credits.**

The course focus on theories on fascism, national cultures of fascism (e.g. Nazi Germany, Fascist Italy, Hungary) as well as selected topics which are essential to understand the attraction and functioning of fascist movements and regimes since 1918 in Europe (e.g. racism, war, culture, charismatic leadership).

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 347.

**Advanced Undergraduate and Graduate-level Courses****EURO 442. International Political Economy. 3 Credits.**

Theories of international political economy, major trends in international economic relations, selected contemporary policy issues.

**Requisites:** Prerequisites, ECON 101 and POLI 150.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 442.

**EURO 460. International Economics. 3 Credits.**

An introduction to international trade, the balance of payments, and related issues of foreign economic policy.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade

**Same as:** ECON 460, PWAD 460.

**EURO 486. Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015). 3 Credits.**

Using Alexievich as our beacon, we will explore the writers behind the term "Russian Women's Prose": Valeria Narbikova, Lyudmila Petrushevskaya, Tatyana Tolstaya, and Lyudmila Ulitskaya. The course will delve into gender identity and body politics as they manifest themselves in the literary texts of lasting aesthetic quality and social relevance. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RUSS 486, WGST 486.

**EURO 490. Advanced Special Topics Seminar in Contemporary European Studies. 1-3 Credits.**

A detailed examination of advanced special topics in Contemporary European Studies.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**EURO 691H. Honors Thesis in European Studies. 3 Credits.**

Directed independent research leading to the preparation of an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**EURO 692H. Honors Thesis in European Studies. 3 Credits.**

Completion of the honors thesis and an oral examination of the thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Contemporary European Studies Major, B.A.

### Contact Information

**Curriculum in Contemporary European Studies**

Visit Program Website (<http://europe.unc.edu/euro>)

FedEx Global Education Center Room 3210, CB# 3449

(919) 962-6765

**John D. Stephens, Director**

**Kathleen Lindner, Director of Undergraduate Studies**

[klindner@email.unc.edu](mailto:klindner@email.unc.edu)

The curriculum in contemporary European studies is designed to provide students with

- A broad interdisciplinary understanding of modern Europe and the European Union
- A focused understanding of contemporary Europe from the perspective of a selected social science discipline, and
- Advanced proficiency in a modern European language



## Student Learning Outcomes

Upon completion of the contemporary European studies program, students should be able to:

- Demonstrate knowledge of the historical and political complexities of the European continent
- Demonstrate advanced proficiency in an approved language
- Demonstrate knowledge of the political, social, and economic integration of the European continent
- Show an interdisciplinary grasp of European cultures, histories, literatures, art, and ideas
- Report satisfaction with the major
- Gain admission to graduate programs or a job in a relevant field

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b> <sup>1</sup>		
EURO/HIST 159	From War to Prosperity: 20th-Century Europe	3
EURO/POLI 239	Introduction to European Government <sup>H</sup>	3
Four courses from one of the two themes listed below		12
One course chosen from the other theme		3
One additional course from Theme 1, Theme 2, or the list of approved elective courses on contemporary Europe		3
<b>Additional Requirements</b>		
A modern European foreign language through level 5, chosen from the following languages: Arabic, Bosnian-Croatian-Serbian, Czech, French, German, Hungarian, Italian, Polish, Portuguese, Russian, Spanish, Turkish. <sup>2</sup>		6
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Of the total eight courses required for the major, three must be numbered 400 or above. Special topics courses EURO 190 and EURO 490 may count for either theme, with approval based on topic.

<sup>2</sup> Please see the list of foreign language courses in the “General Education Requirements” section of this catalog. The first three levels of a foreign language can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Contemporary European studies majors are required to complete a minimum of five semesters of a modern European language, or document

fifth-semester proficiency through University placement tests. One approved literature course taught in the language may also count as a theme or elective course if included in the course listings above. Majors are strongly encouraged to apply their language proficiency skills in languages across the curriculum (LAC) courses and complete a UNC-approved study abroad program in the target language.

The Curriculum in Contemporary European Studies offers an honors program. Students who wish to pursue an honors thesis are advised to contact the director of undergraduate studies and will enroll in EURO 691H and EURO 692H.

New courses may be added to this list annually, as they are developed. An updated list of approved courses may be obtained from the contemporary European studies Web site (<http://europe.unc.edu/euro>). Other courses relevant to the study of contemporary Europe may be taken for credit in the major (including EURO 190 and EURO 490), if approved by the curriculum advisor.

## Theme I. Contemporary Europe: Integration and Enlargement

Code	Title	Hours
ECON 461	European Economic Integration	3
ECON 560	Advanced International Economics	3
ECON/EURO/ PWAD 460	International Economics	3
EURO/POLI 442	International Political Economy	3
GEOG 124	Gender and Place: Feminist Geographies	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GEOG/PLAN 428	Global Cities: Space, Power, and Identity in the Built Environment	3
POLI 190	Undergraduate Seminar <sup>*</sup>	3
POLI 232	Politics of the United Kingdom <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3
POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3
POLI 448	The Politics of Multilevel Governance	3
POLI 490	Advanced Undergraduate Seminar <sup>*,H</sup>	3
POLI 630	Political Contestation in Europe	3
POLI 631	European Security: The Enlarging European Union and the Trans-Atlantic Relationship	3
POLI 632	The European Union as a Global Actor	3
POLI/PWAD 459	Trans-Atlantic Security	3
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI/PWAD/ SOC 260	Crisis and Change in Russia and Eastern Europe	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\* Asterisked courses require approval, based on topic.

## Theme II. Contemporary Europe: Histories and Cultures

Code	Title	Hours
ARTH 282	Modernism I: Realism, Impressionism, Post-Impressionism	3
ARTH 284	Modernism II: 1905-1960	3
ARTH 303	Art and Colonialism: France in Africa/Africa in France	3
ANTH 377	European Societies	3
ARTH 483/ HIST 468	Art, Politics, and Society in France, 1850-1914	3
ASIA 490	Advanced Topics in Asian Studies *	1-4
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
COMM 464	Collaborative Performance <sup>H</sup>	3
EURO/HIST 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
EURO/HIST/ WGST 259	Towards Emancipation? Women in Modern Europe	3
EURO/HIST 347	Fascist Challenge in Europe, 1918-1945	3
FREN 331	French Civilization II	3
FREN 377	The Evolution of Frenchness since WWII	3
FREN 378	French and European Transmigrations: Global Contexts	3
FREN 383	Franco-Asian Encounters	3
FREN 504	Cultural Wars: French/United States Perspectives	3
GERM 349	Vienna-Munich-Berlin: Revolutions in German Art c. 1900	3
GSLL/PWAD 467	Language and Political Identity	3
HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	3
HIST 302	Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3
HIST 390H	Special Topics in History *	3
HIST 398	Undergraduate Seminar in History <sup>*, H</sup>	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 469	European Social History, 1815-1970	3
HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 490	Special Topics in History <sup>*, H</sup>	3
HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HIST/JWST/ PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
HIST/EURO/POLI 257	Politics, Society, and Culture in Postwar Germany	3
HIST 486/ PWAD 485	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
HIST/WGST 259	Towards Emancipation? Women in Modern Europe	3
ITAL 250	Italian Fascism: Between History, Fiction, and Film	3

ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
POLI 255	International Migration and Citizenship Today <sup>H</sup>	3
SPAN 340	Iberian Cultural Topics	3
WGST/AMST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\* Asterisked courses require approval, based on topic.

## Elective Courses on Contemporary Europe

Code	Title	Hours
ANTH 449	Anthropology and Marxism	3
ARTH 283	Picturing Paris: 1800-2000	3
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	3
CMPL 385	Modernist and Postmodernist Narrative	3
CMPL 466	Modernism	3
CMPL 468	Aestheticism	3
CMPL/EURO/ FREN 332H	Cultural Diversity in Francophone Cinema	3
CMPL 374/ WGST 373	Modern Women Writers	3
DRAM 289	Contemporary Irish Drama <sup>H</sup>	3
ECON 434	History of Economic Doctrines	3
ENGL/PWAD 659	War in 20th-Century Literature <sup>H</sup>	3
FREN 372	Survey of French Literature III	3
FREN 373	French New Wave Cinema	3
FREN 388	History of French Cinema I: 1895-1950	3
GERM 275	History of German Cinema	3
GERM 280	20th-Century German Philosophy and Modern Youth Cultures	3
GERM 281	The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3
GERM 350	Modern German Literature	3
GERM 381	Berlin: Mapping a (Post) Modern Metropolis	3
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
GERM 390	Topics in German Studies *	3
GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
GERM/WGST 250	Women in German Cinema	3
GSLL 88H	First-Year Seminar: Gender and Fiction in Central and Eastern Europe	3
GSLL 251	Ideology and Aesthetics: Marxism and Literature	3
GSLL 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
GSLL 283	Hungarian Cinema since World War II	3
HIST 466	Modern European Intellectual History	3
HIST/ITAL 258	Modern Italy since 1848	3
ITAL 242	Modern Italian Literature in Translation	3
ITAL 331	Italian Civilization II	3

ITAL 333	Italian Film and Culture	3
ITAL 335	Themes in Italian Film	3
ITAL 365	Italian Food and Culture	3
ITAL 382	The Modern Italian Novel	3
ITAL 398	Undergraduate Seminar in Italian *	3
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
MUSC 284	Beethoven and His Era	3
MUSC 285	Musical Modernism	3
PHIL 224	Existential Philosophy <sup>H</sup>	3
PHIL 229	20th-Century Western Philosophy	3
PHIL 494	Existentialism and Phenomenology	3
POLI 432	Tolerance in Liberal States	3
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
ROML 500	Research Methods for Romance Languages and European Studies	3
SLAV 101	Introduction to Slavic Civilizations: Peasants, Popes, and Party Hacks	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\* Asterisked courses require approval, based on topic.

## Special Opportunities in Contemporary European Studies

Students may be interested in the resources available through UNC's Center for European Studies (CES), a United States Department of Education Title VI National Resource Center and a Jean Monnet Center of Excellence funded by the European Commission. CES offers a range of ongoing programs, including guest speakers, film festivals, conferences, and cultural events. The center also houses the TransAtlantic Masters Program (<http://tam.unc.edu>) (TAM), a master's degree program that may be of particular interest to students who have completed the major in contemporary European studies. The TAM program includes study at UNC and at one or more partner universities in Europe. The new EURO-TAM B.A.-M.A. option allows students to complete both degrees in accelerated time. Students interested in pursuing both programs are encouraged to speak with the director of undergraduate studies about the B.A.-M.A. option and to visit the Web site (<https://europe.unc.edu/euro>) for more information.

# DEPARTMENT OF EXERCISE AND SPORT SCIENCE

## Contact Information

### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)

209 Fetzer Hall, CB# 8700

(919) 962-2021

**Darin A. Padua, Chair**

**Sherry Salyer, Director of Undergraduate Studies**

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## Introduction

Exercise and sport science examines the physics, physiology, and psychology of sport and exercise; the recognition and treatment of athletic injuries; and the administration of athletics. The general major provides foundational courses in exercise science. The athletic training program within the Department of Exercise and Sport Science can prepare students to work as a certified athletic trainer for high school, college, or professional sports teams. Students interested in sport administration can build a foundation in the management of sport. Sport administration career options include almost anything related to amateur, interscholastic, or professional sports. The fitness professional program is designed to prepare students for careers in a variety of health-related fields, including but not limited to entry-level positions in the health-fitness industry; personal training of amateur, professional, and recreational athletes; exercise therapy for a range of clinical conditions; or graduate study in exercise physiology. Other career options for majors include strength-conditioning coach for an athletic team; exercise research within the athletic, medical, or pharmaceutical industries; or fitness club entrepreneur. By choosing additional courses, students can apply to schools of physical therapy, occupational therapy, public health, nursing, or medicine.

The overall mission of the Department of Exercise and Sport Science is to discover and promote knowledge of human movement to improve quality of life.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. In the Department of Exercise and Sport Science five faculty members serve as advisors with weekly office hours (see "Programs" above and contact information on the Web site). The department communicates via a listserv, Facebook posts, tweets, blog posts, classroom "advising" visits, bulletin boards/video boards throughout the building, and the departmental Web site (<http://exss.unc.edu>). Departmental academic advising is particularly important for those majors who are considering graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://exss.unc.edu>).

## Facilities

In addition to classroom space and physical activity area, Fetzer Hall houses several well-equipped research and teaching laboratories:

1. The Applied Physiology Laboratory is fully equipped to measure metabolism, body composition, and aerobic fitness. Additionally, it houses a chemistry laboratory to study the biochemistry of exercise.
2. The Cadaver Anatomy Laboratory is designed to teach cadaver dissection in order to gain a greater knowledge about how the human body works in an athletic environment.
3. The Exercise Science Teaching Laboratory was specifically designed for teaching exercise science laboratory experiences as well as clinical exercise testing experiences.
4. The Sports Medicine Research Laboratory, equipped with the latest equipment to investigate athletic injuries related to the biomechanics and kinesiology of movement, offers as its primary research focus the prevention and treatment of athletic-related injuries.
5. The Neuromuscular Control Laboratory is designed for the investigation of neuromuscular and biomechanical factors associated with musculoskeletal/orthopedic injury and disease, including joint stability, muscle mechanics, neuromuscular control, motion analysis, and postural stability.
6. The CPR Laboratory is a teaching laboratory for CPR and first aid skills. The laboratory is equipped with mannequins, AED trainers, and first aid equipment.
7. The Exercise Oncology Laboratory is equipped with the latest technology for the assessment of cardiorespiratory and pulmonary function, body composition, cognitive function, electrocardiogram monitoring capability, and evaluation of heart rate coherence and heart rate variability in oncology patients.
8. Through its clinical and research initiatives, the Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center demonstrates its commitment to providing the highest level of care for athletes of all ages suffering from sport-related brain injuries, and to assisting parents, coaches, and medical professionals in managing these athletes.
9. The Athletic Training Teaching Laboratory is designed for students to practice evaluation, treatment, and rehabilitation skills. It is equipped with treatment tables, evaluation tools, rehabilitation supplies such as foam rollers, exercises balls, and taping supplies.

## Graduate School and Career Opportunities

Many undergraduate exercise and sport science majors are preparing for graduate work in related areas: exercise physiology, physical therapy, sports medicine, nutrition, athletic training, sports administration/management, etc. They will be well-prepared for master's and doctoral programs at major universities. Numerous opportunities exist for graduate assistantships in these areas at UNC–Chapel Hill and other large universities. Numerous career opportunities exist in a variety of fields directly related to sport and exercise. Some graduates go directly into health/fitness/sport-related employment. Others attend professional schools or pursue advanced academic degrees.

### Majors

- Exercise and Sport Science Major, B.A.–General (p. 510)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 513)

### Minors

- Coaching Education Minor (p. 515)

- Exercise and Sport Science Minor (p. 515)

#### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science>)

## Professors

Claudio L. Battaglini, J. Troy Blackburn, Kevin M. Guskiewicz, Anthony C. Hackney, Barbara J. Osborne, Darin A. Padua, William E. Prentice.

## Associate Professors

Jason P. Mihalik, Brian G. Pietrosimone, Eric D. Ryan, Abbie E. Smith-Ryan, Edgar W. Shields Jr., Erianne A. Weight.

## Assistant Professors

Erik D. Hanson, Jonathan A. Jensen, Zachary Y. Kerr, Kristen L. Kucera, Nels K. Popp, Johna Register-Mihalik, Lee Stoner, Erik A. Wikstrom.

## Teaching Professors

Meredith A. Petschauer, Sherry L. Salyer.

## Teaching Associate Professor

Alain J. Aguilar.

## Teaching Assistant Professors

Rebecca L. Battaglini, Robert Malekoff, Debra C. Murray.

## Clinical Assistant Professor

Jonathan D. DeFreese.

## Lecturers

Roberto Aponte, Richard T. Kagan, Greg Moore, Kristin S. Ondrak, Meg L. Pomerantz, Leon R. Schimmelfing, James Strong, Heather L. Tatreau, Sunny Yu.

## Postdoctoral Research Associates

Cassie B. Ford, Barnett S. Frank.

## Professor of the Practice

Richard A. Baddour.

## Professors Emeriti

M. Deborah Bialeschki, John E. Billing, Robert G. McMurray, Frederick O. Mueller, Francis Pleasants Jr., John M. Silva.

## Adjunct Professors

David J. Berkoff, Carol A. Giuliani, Deborah L. Givens, Micheal T. Gross, Laurence M. Katz, Stephen W. Marshall, Karen L. McCulloch, Joseph B. Myers, Bing Yu.

## Adjunct Associate Professors

Micheal D. Lewek, Vicki S. Mercer, Deborah E. Thorpe.

## Adjunct Assistant Professors

Bradley J. Bates, Kevin A. Carneiro, Elizabeth G. Hedgpeth, Shawn F. Kane, Robert H. Lutz, Prudence Plummer, Erin B. Wasserman, Daniel N. Hooker.

## EXSS—Exercise and Sport Science Undergraduate-level Courses

### EXSS 50. First-Year Seminar: Discrimination and Sport. 3 Credits.

This course will examine the American ethos by looking at those who have been discriminated against in sport because of race, gender, sexual orientation, or disability.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

### EXSS 51. First-Year Seminar: Entrepreneurship in Human Performance and Sport. 3 Credits.

This course will provide students an introduction to the practical entrepreneurial business tools for starting a new business (or for use in an existing organization) in the human performance and/or sport industry.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

### EXSS 89. First-Year Seminar: Special Topics. 3 Credits.

Course content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### EXSS 141. Personal Health. 3 Credits.

Elective, open to all students. This course examines basic wellness concepts in the areas of physical fitness, nutrition, disease prevention, mental health, drug abuse, and human sexuality. Emphasis is on the individual's responsibility for his/her own health.

**Grading status:** Letter grade.

### EXSS 175. Human Anatomy. 3 Credits.

The study of the structure of the human body with special emphasis on the musculoskeletal, articular, and nervous systems. Prosected cadaver materials are utilized to study the skeletal muscles and body viscera.

**Gen Ed:** PL.

**Grading status:** Letter grade.

### EXSS 180. Physical Activity in Contemporary Society. 3 Credits.

An examination of the role of physical activity/inactivity on the health and well-being of American society.

**Grading status:** Letter grade.

### EXSS 181. Sport and Exercise Psychology. 3 Credits.

This course exposes students to psychological aspects contributing to sport/physical activity participation and psychological outcomes of participation. It explores psychological theories and research and their application to the affective, behavioral, and cognitive outcomes of sport/physical activity participants when considering key environmental factors.

**Grading status:** Letter grade.



**EXSS 191. Theory and Practice of Modern Dance Technique - Elementary-Level Elective. 3 Credits.**

An intensive study of modern dance technique and philosophy, focusing on the physical principles of movement and their choreographic application. One hour seminar and four and one-half hours laboratory.

**Requisites:** Prerequisite, PHYA 224.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**EXSS 205. Analysis of Sport Skills I. 3 Credits.**

A professional preparation course in the skills, knowledge, safety, and teaching progressions of basketball, track and field, and softball/baseball.

**Grading status:** Letter grade.

**EXSS 206. Analysis of Sport Skills II. 3 Credits.**

A professional preparation course in the skills, knowledge, safety, and teaching progressions of soccer, tennis, and volleyball.

**Grading status:** Letter grade.

**EXSS 207. Coaching Principles. 3 Credits.**

A professional preparation course for teaching and coaching. Includes basic instruction in coaching education and principles, pedagogy for coaching, conditioning for athletes, and team building.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**EXSS 208. Health and Physical Education in the Elementary School. 3 Credits.**

This course deals with methods and materials of health and physical education in school levels kindergarten through sixth grade. Required of elementary education majors. Does not count toward physical education major.

**Grading status:** Letter grade.

**EXSS 211. Adapted Physical Education. 3 Credits.**

A study of problems related to body mechanics and the needs of the physically handicapped student.

**Grading status:** Letter grade.

**EXSS 220. Fitness Management. 3 Credits.**

Students develop a working knowledge of theories, principles, and operating procedures involved in managing programs, staff, and facilities in the health/fitness industry, including management, marketing, operations, legal aspects.

**Grading status:** Letter grade.

**EXSS 221. Introduction to Sport Administration. 3 Credits.**

In this course, students are introduced to the policies and problems of organizing and administering sport in public and private settings.

**Grading status:** Letter grade.

**EXSS 223. International Sport Management. 3 Credits.**

Because sport cuts across all international boundaries, students must understand the global implications of the sport industry. This course introduces students to the organization, governance, business activities, and intercultural issues in international sport.

**Grading status:** Letter grade.

**EXSS 224. Sport Sales and Revenue Production Seminar. 3 Credits.**

This course will analyze and produce skills essential to the revenue production and sales process commonly found in the sport business. In this class students will develop an understanding and appreciation for the sales and revenue-production process related to a sport franchise and/or organization.

**Grading status:** Letter grade.

**EXSS 260. Women in Sports. 3 Credits.**

A broad based perspective of women's participation in sport including history of participation, physiological differences, and socio-cultural influences including work, politics, family, economics, and gender roles and identity.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 260.

**EXSS 265. Fundamentals of Athletic Training. 3 Credits.**

Permission of the instructor. This course is designed to introduce the undergraduate athletic training student to the athletic training profession and to provide the basic knowledge and skills necessary to recognize, evaluate, and treat injuries to the head and face, cervical spine, thoracic region, abdominal/urogenital region, and extremities.

**Requisites:** Prerequisites, EXSS 175 and 288.

**Grading status:** Letter grade.

**EXSS 273. Research in Exercise and Sport Science. 3 Credits.**

An introduction to research in the fields of physical education, exercise, and sport science with emphasis on understanding and application of research findings.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**EXSS 275L. Human Anatomy Laboratory. 1 Credit.**

Required preparation, a grade of B or better in EXSS 175. EXSS 275L is a basic human anatomy laboratory course designed to accompany EXSS 175. For students endeavoring to major in the allied health professions.

**Grading status:** Letter grade.

**EXSS 276. Human Physiology. 3 Credits.**

Instructor may approve equivalents for prerequisite. A lecture course in elementary physiology, covering the various systems of the body.

**Requisites:** Prerequisite, EXSS 175.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**EXSS 288. Emergency Care of Athletic Injuries and Illnesses. 3 Credits.**

Recommended preparation, EXSS 175. Theory and practice of basic first aid, cardiopulmonary resuscitation, and the acute care of athletic injuries.

**Grading status:** Letter grade.

**EXSS 290. Special Topics in EXSS. 3 Credits.****EXSS 291. Theory and Practice of Modern Dance Technique - Intermediate-Level Elective. 3 Credits.**

An intensive study of modern dance technique and philosophy, focusing on the physical principles of movement and their choreographic application. One hour seminar and four and one-half hours laboratory.

**Requisites:** Prerequisite, EXSS 191; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**EXSS 322. Fundamentals of Sport Marketing. 3 Credits.**

A grade of B or better in EXSS 221 is required. This course is designed to introduce students to marketing within the sports industry, including the unique aspects of the sport product and sport consumer markets.

**Requisites:** Prerequisite, EXSS 221.

**Grading status:** Letter grade.

**EXSS 323. Sport Facility and Event Management. 3 Credits.**

This course is designed to develop practical competencies necessary for effectively managing sport facilities and events while providing students with experiential learning opportunities inside and outside the classroom.

**Requisites:** Prerequisite, EXSS 221.

**Grading status:** Letter grade.

**EXSS 324. Finance and Economics of Sport. 3 Credits.**

Recommended preparation, EXSS 221. This course provides an understanding of the financial and economic growth of sport, economic theory applied to the sport industry, and the basic principles and methods of sound fiscal control.

**Requisites:** Prerequisite, ECON 101.

**Grading status:** Letter grade.

**EXSS 325. The Role of Intercollegiate Athletics in Higher Education. 3 Credits.**

This course is designed to help students interested in working in college sports understand what that role has been and might be in the future, with an emphasis on maximizing the educational value of intercollegiate athletic participation and the integration of athletics with academic and student life dimensions on college campuses.

**Grading status:** Letter grade.

**EXSS 326. Legal Aspects of Sport. 3 Credits.**

Recommended preparation, EXSS 221. This course provides a foundation in general legal concepts and familiarizes students with the legal areas they are most likely to encounter as managers in the sports and fitness industry.

**Grading status:** Letter grade.

**EXSS 328. Sport Business Venture. 3 Credits.**

This course will provide students an introduction to practical entrepreneurial business tools for starting a new business (or for use in an existing organization) in the sport industry.

**Grading status:** Letter grade.

**EXSS 350. Essentials of Corrective Exercise Training. 3 Credits.**

This course provides students with knowledge and experience in designing corrective exercise programs. Students will learn to assess posture, movement quality, range of motion, and strength. Students will also learn to correct abnormalities exercises for various body parts. Knowledge will be gained via lecture and laboratory activities.

**Requisites:** Prerequisites, EXSS 175, 275L, and 276.

**Grading status:** Letter grade.

**EXSS 360. Sports Nutrition. 3 Credits.**

The role of nutrition in maximizing physical performance, promoting health, and controlling body weight. Includes individual nutritional assessments.

**Requisites:** Prerequisite, EXSS 276 or NUTR 240.

**Grading status:** Letter grade.

**EXSS 366. Evaluation of Athletic Injuries. 3 Credits.**

This is an advanced athletic training course, designed to provide the athletic training student with knowledge and skills necessary to recognize and evaluate athletic injuries of the spine and extremities.

**Requisites:** Prerequisites, EXSS 175, 265, and 288.

**Grading status:** Letter grade.

**EXSS 367. Therapeutic Modalities. 3 Credits.**

This is an advanced athletic training course, designed to provide the athletic training student with knowledge and skills necessary for treating injuries.

**Requisites:** Prerequisites, EXSS 175, 265, 288, and 366.

**Grading status:** Letter grade.

**EXSS 368. Therapeutic Exercise and Rehabilitation. 3 Credits.**

This is an advanced athletic training course, designed to provide the athletic training student with knowledge and skills necessary for rehabilitating injuries.

**Requisites:** Prerequisites, EXSS 175, 265, 288, 366, and 367.

**Grading status:** Letter grade.

**EXSS 369. Athletic Training Seminar. 3 Credits.**

A presentation of the historical and current perspectives on athletic training, including techniques for organizing and administering athletic training programs.

**Requisites:** Prerequisites, EXSS 175 and 288.

**Grading status:** Letter grade.

**EXSS 370. General Medicine in Athletic Training. 3 Credits.**

Advanced course focusing on understanding instrumentation used in assessing internal injury related to sport. Pharmacology, drug testing, psychosocial interventions, and selected emergency procedures pertaining to athletic injury are also presented.

**Requisites:** Prerequisites, EXSS 175, 265, 276, and 288.

**Grading status:** Letter grade.

**EXSS 376. Physiological Basis of Human Performance. 3 Credits.**

Instructor may approve equivalents for EXSS prerequisites. Students must take laboratory section along with class. The application of physiological principles to sport and physical activity. Both immediate and chronic adaptations to exercise are studied. Two lecture and two laboratory hours a week.

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading status:** Letter grade.

**EXSS 380. Neuromuscular Control and Learning. 3 Credits.**

Instructor may approve equivalents for prerequisite. Provides introduction to neuromuscular factors controlling movement and acquisition of motor skills. Promotes application of neuromuscular control and motor learning principles to teaching of motor skills with application to rehabilitation and fields such as athletic training, physical therapy, and coaching.

**Requisites:** Prerequisite, EXSS 175.

**Grading status:** Letter grade.

**EXSS 385. Biomechanics of Sport. 3 Credits.**

Instructor may approve equivalents for EXSS prerequisite. The study and analysis of human movement including fundamental aspects of the musculoskeletal and articular systems. Principles of biomechanics, including application to neuromuscular fitness activities, aerodynamics in sport, hydrodynamics, rotary motion, throw-like and push-like patterns, and analysis of projectiles.

**Requisites:** Prerequisite, EXSS 175.

**Grading status:** Letter grade.

**EXSS 393. Athletic Training Clinical. 1 Credit.**

This field experience offers implementation of theories and practices of athletic training and sports medicine under the supervision of a certified athletic trainer.

**Requisites:** Prerequisites, EXSS 175, 265, and 288.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 5 total credits. 5 total completions.

**Grading status:** Letter grade.

**EXSS 395. Undergraduate Research Course. 1-3 Credits.**

Permission of the instructor. Majors preferred. Laboratory/research study addressing exercise and sport science questions. Requires final written report. Repeatable for six total credits.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**EXSS 396. Independent Studies in Exercise and Sport Science Elective. 1-3 Credits.**

Required preparation, any two relevant courses. Permission of the instructor. Individually designed in-depth study in an area of interest within exercise and sport science. Available to both majors and nonmajors under the supervision of selected EXSS faculty members.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****EXSS 408. Theory and Application of Strength Training and Conditioning for Fitness Professionals. 3 Credits.**

Instructor may approve equivalents for prerequisites. This is an intermediate- to upper-level course designed to provide students with theoretical and practical knowledge of the physiological, biomechanical, functional, and administrative aspects of designing and supervising conditioning programs for various populations.

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading status:** Letter grade.

**EXSS 410. Exercise Testing and Prescription. 4 Credits.**

Students must take laboratory section along with class. This is an upper division undergraduate course designed to provide the theoretical and practical knowledge in basic exercise testing and prescription for both healthy and select special populations.

**Requisites:** Prerequisites, EXSS 175, 276, 376.

**Grading status:** Letter grade.

**EXSS 420. Program Planning in Recreation Services. 3 Credits.**

This experiential course covers the concepts and skills used in program planning. Students apply their program planning skills to real-life situations and implement a recreation program for a community agency. Previously offered as RECR 420.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**EXSS 430. Introduction to Leadership and Group Dynamics. 3 Credits.**

An analysis of the techniques, methods, and motives of group and community leaders. Special attention is focused upon the roles of organizational structure, personnel policies, and in-service training programs. Previously offered as RECR 430.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**EXSS 475. Functional Anatomy. 3 Credits.**

This course provides an in-depth exploration of joint mechanics. It exposes students to motions of the cervical, thoracic, and lumbar spine as well as the extremities, and relates these concepts to movement of the body during specific activities.

**Requisites:** Prerequisites, EXSS 175, 276, and 385.

**Grading status:** Letter grade.

**EXSS 478. Sports Performance Training. 3 Credits.**

An upper-level course designed to provide students who have a fitness background with the theoretical and practical knowledge related to the Performance Enhancement Specialization for athletes of all ages.

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading status:** Letter grade.

**EXSS 479. Performance Enhancement Specialization for Health Professionals. 1 Credit.**

An upper-level course designed to provide students who have a health profession background with the theoretical and practical knowledge related to the Performance Enhancement Specialization for athletes.

**Requisites:** Prerequisites, EXSS 175, 276, 366, and 368.

**Grading status:** Letter grade.

**EXSS 493. Field Experience in Sport Administration. 3 Credits.**

Permission of the instructor required for students lacking the prerequisites. This field experience offers implementation of theory and the practical application of sport administration in a sport organization worksite, under the direct supervision of a business professional.

**Requisites:** Prerequisites, EXSS 221 and at least two of the following: EXSS 322, 323, 324, 326.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**EXSS 576. Exercise Endocrinology. 3 Credits.**

Advanced course examining the responses of the endocrine system to exercise and the adaptations that occur with exercise training. Provides the fundamentals necessary for exercise science and allied health science students to understand the integral role that the endocrine system plays in exercise.

**Requisites:** Prerequisites, EXSS 175, 276, and 376.

**Grading status:** Letter grade.

**EXSS 580. Neuromechanics of Human Movement. 3 Credits.**

This course explores interactions between the nervous and musculoskeletal systems via integration of concepts from neuroanatomy, neurophysiology, anatomy, neuromuscular control, and biomechanics. Topics include muscle mechanics, sensorimotor function, joint stability, movement disorders, neurocognition, and neuroplasticity following injury and disease. Course meetings involve both lecture and laboratory content.

**Requisites:** Prerequisites, EXSS 175, 380, and 385.

**Grading status:** Letter grade.

**EXSS 593. Practicum in Physical Fitness and Wellness. 1-3 Credits.**

Recommended preparation, EXSS 360 - site dependent. Current CPR certification and student liability insurance is required. Introductory practical experience to enable student to apply knowledge and skills in a worksite under direct supervision of certified professionals.

**Requisites:** Prerequisites, EXSS 220, 385, 408, and 410.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**EXSS 693H. Senior Honors Thesis. 3 Credits.**

Required preparation, a cumulative grade point average meeting the University standard and permission of the department. Directed independent research under the supervision of a faculty advisor who teaches in the exercise and sport science curriculum.

**Requisites:** Prerequisite, EXSS 273.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**EXSS 694H. Senior Honors Thesis. 3 Credits.**

Required preparation, a cumulative grade point average meeting the University standard and permission of the department. Preparation of an honors thesis and an oral examination on the thesis.

**Requisites:** Prerequisite, EXSS 273.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## LFIT–Lifetime Fitness

*Students must successfully complete one lifetime fitness course (an LFIT course numbered 102 through 190) during their first year of study. One lifetime fitness course is a graduation requirement for all students at UNC–Chapel Hill (post-2006 curriculum). Effective in fall 2011, a student may enroll in only one LFIT course and may count only one, one-credit LFIT course toward graduation at Carolina. These courses combine practice in a sport or physical activity with general instruction in lifelong health.*

### Undergraduate-level Courses

**LFIT 102. Lifetime Fitness: Adapted Physical Activity. 1 Credit.**

Assignments to this class are made for students with special needs in physical activities focusing primarily on acute and chronic physical limitations. Activities are assigned commensurate with interests and abilities. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 103. Lifetime Fitness: Aerobics. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes various forms of aerobics. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 104. Lifetime Fitness: Exercise and Conditioning. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activities will promote cardiovascular endurance, muscular strength and endurance, and flexibility. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 105. Lifetime Fitness: Indoor Sports. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activity portion of the course includes basketball, volleyball, and indoor soccer. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 106. Lifetime Fitness: Beginning Jogging. 1 Credit.**

This course is an introduction fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course promotes cardiovascular fitness through jogging. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 107. Lifetime Fitness: Intermediate Jogging. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activity portion for students who can complete 30 minutes of jogging. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 108. Lifetime Fitness: Outdoor Sports. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activity portion of course includes ultimate frisbee, flag football, and soccer. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 109. Lifetime Fitness: Racquet Sports. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes badminton, tennis, and racquetball. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 110. Lifetime Fitness: Beginning Swimming. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes swimming skills for beginners. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 111. Lifetime Fitness: Swim Conditioning. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course promotes cardiovascular fitness through swimming. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 112. Lifetime Fitness: Walking. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course promotes cardiovascular fitness through walking. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 113. Lifetime Fitness: Weight Training. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic techniques of weight training. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.



**LFIT 114. Lifetime Fitness: Yoga and Pilates. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic instruction in both yoga and pilates. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 115. Lifetime Fitness: Cycle Fitness. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic instruction in cycle fitness. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 118. Lifetime Fitness: Flag Football. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in flag football. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 129. Lifetime Fitness: Downhill Skiing and Snowboarding. 1 Credit.**

An introduction to fitness and wellness that includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic conditioning and instruction in both downhill skiing and snowboarding, including five days in Boone, NC. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 130. Lifetime Fitness: Soccer. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion will provide soccer instruction and game play. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 138. Lifetime Fitness: Tennis. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in tennis. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 140. Lifetime Fitness: Ultimate Frisbee. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in ultimate frisbee. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 145. Lifetime Fitness: Brazilian Jiu Jitsu. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in Brazilian jiu jitsu. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 146. Lifetime Fitness: Sand Volleyball. 1 Credit.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in sand volleyball. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

**LFIT 190. Special Topics in Lifetime Fitness. 1 Credit.**

This course is designed to cover the study and practice of special topics directed by an authority in the field. Subject matter will vary per instructor and topic. Students can enroll in only one LFIT course during their career at Carolina.

**Gen Ed:** LF.

**Grading status:** Letter grade.

## PHYA—Physical Activity

### Undergraduate-level Courses

**PHYA 201. Adapted Physical Activity. 1 Credit.**

Assignments to this class are made for students with special needs in physical education focusing primarily on acute and chronic physical limitations. Activities are assigned commensurate with interests and abilities. Students are required to present an exercise prescription from a physician including prescribed activities and limitations.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 202. Beginning Aerobics. 1 Credit.**

Provides a cardiovascular fitness program incorporating physiologically safe dance and exercise movements to music. It develops strength, flexibility, and improved cardiorespiratory efficiency.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 203. Aerobic Circuit Training. 1 Credit.**

Challenges students to achieve higher levels of overall fitness in a cardiovascular program that combines stations of muscular strength with endurance while incorporating a wide variety of equipment. Students are expected to be able to participate in a minimum of 20 minutes of aerobic exercise.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.



**PHYA 205. Archery. 1 Credit.**

Designed to teach the beginning student proper techniques of target shooting with a bow and arrow, this course deals with history, terminology, safety, and equipment selection. Shooting techniques included are the stance, nocking, drawing, anchoring, aiming, releasing, and following through. The use of the bowsight and target scoring are presented.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 206. Badminton. 1 Credit.**

The course includes an orientation to the history and rules of the game, terminology, and equipment. Basic skills and techniques include the proper grip, stance, footwork, forehand and backhand clears, long and short serves, net shots, around-the-head shot, and the smash. Presents basic single and double game strategies.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 208. Beginning Ballet. 1 Credit.**

The technique and vocabulary of classical ballet are presented. Exercises at the barre are followed by practice and combinations in the center.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 209. Beginning Basic Training. 1 Credit.**

Beginning physical fitness program based on the model used by the United States Army Physical Fitness Academy and designed to improve aerobic and anaerobic strength, endurance, and overall physical fitness.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 210. Beginning Bowling. 1 Credit.**

Presents terminology of the game, various grips and stances, the delivery approach, release, and follow through. Pick up spare leaves, releasing straight, hook, and back-up balls, reading the lanes, and handicapping are also included. Rules and scoring as well as tournament bowling are learned.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 211. Cycling. 1 Credit.**

The purpose of this course is to introduce students to the history and skill of cycling. The course will focus on maintenance of the bicycle, fitness acquired through the use of cycling, and the skills of climbing, descending, cornering, and balance.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 212. Introduction to Dance Technique. 1 Credit.**

This course is an introduction to the positions, exercises, and steps common to ballet, jazz, and modern dance. It is designed for students with no previous dance experience and is a prerequisite for PHYA 208, 220, and 224.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 213. Exercise and Conditioning. 1 Credit.**

Covers activities that promote cardiovascular endurance, muscular strength and endurance, and flexibility. The course content includes fitness evaluation, stretching, weight training, aerobic exercise, jogging, and circuit training. Individual exercise programs are developed.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 214. Beginning Fencing. 1 Credit.**

Introduces students to the history, rules, and terminology of the sport of fencing. It traces the development of ancient and modern weapons; presents warm-up, stretching, and conditioning exercises that are specific to the sport; and covers grip, basic positions, and footwork. Individual and team competitions are conducted in the course.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 216. Beginning Golf. 1 Credit.**

Stresses swing motion and the basic fundamentals. Techniques of the full swing and the short game are presented. Rules and etiquette are covered. Students who shoot 115 or less for 18 holes are not eligible for this beginner course.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 217. Beginning Tumbling and Gymnastics. 1 Credit.**

Through proper progression, students are exposed to compulsory routines on several pieces of gymnastic apparatus—including the balance beam, parallel bars, pommel horse, rings, horizontal bar—and strength, flexibility, and gross motor coordination. Emphasis is placed on safe spotting techniques and safety awareness.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 219. Beginning Horseback Riding. 1 Credit.**

Introduces students to tacking, grooming, and riding the basic gaits of walk, trot and canter. An additional fee is required; this course is taught off campus.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 220. Beginning Jazz Dance. 1 Credit.**

Students will explore the roots of the jazz style through rhythm, principles of isolation and opposition, shape and energy through center work, stretches, movement across the floor, and simple routines. Previous ballet training is highly recommended.

**Requisites:** Prerequisite, PHYA 212.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 221. Beginning Jogging. 1 Credit.**

The purpose of this course is to provide students with the opportunity to develop cardiovascular fitness through a popular activity. Selection of proper clothing and equipment, the physiological effects of a jogging program, care and prevention of common injuries, and the mechanics of jogging are presented.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 222. Karate. 1 Credit.**

This course offers an introduction to the basics of one of many martial art styles. Emphasis is on traditional forms, basic movements, philosophy, discipline, and proper class conduct. Students will learn various stances and forms.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 223. Lifeguard Training. 1 Credit.**

This course will teach the skills needed to help prevent and respond to aquatic emergencies. This includes land and water skills, first aid and CPR/AED.

**Requisites:** Prerequisites, continuous 300 yard swim, two minutes of treading with no arms, and retrieving a 10 pound brick from 10 feet and swimming 20 yards.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 224. Beginning Modern Dance. 1 Credit.**

Students will explore the principles of movement that define modern dance, gaining some understanding of the use of weight, the shape of the body in space, an awareness of timing and energy, and individual creative potential.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 225. Beginning Racquetball. 1 Credit.**

The course introduces the beginner to basic skills, including forehand and backhand drives, grips, footwork, and serves. Safety considerations as well as rules and terminology are covered. Basic strategy is presented involving the return of service, use of ceiling, rear wall, pass, and kill shots.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 227. Scuba. 1 Credit.**

Required preparation, strong swimming skills. This course prepares students for participation in recreational diving: both skin diving and scuba. Lectures cover physiology of diving, first aid, and decompression. It can lead to certification if students attend open water training dives conducted at the semester's end. An additional fee is required.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 228. Self-Defense. 1 Credit.**

This course introduces the basics of self-defense techniques and will instruct the student by incorporating a three-dimensional educational approach. The student will develop skill, knowledge and self-confidence as related to self-defense.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 229. Downhill Skiing. 1 Credit.**

This course is conducted in Boone, North Carolina, for five days over the winter break. It includes orientation to proper equipment selection, the use of lifts and tows, and the basic fundamentals, such as parallel turns, edging concepts, and rhythm. An additional fee is required.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 230. Beginning Soccer. 1 Credit.**

Basic soccer skills are presented including dribbling, shooting, passing, heading, trapping, and tackling. Position play and strategies for basic offense and defense are learned as well as rules and terminology. Conditioning is achieved through drills and game play.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 231. Beginning Social Dance. 1 Credit.**

The basic step patterns of popular social dances, such as fox trot, waltz, cha-cha, swing or shag, hustle, tango, and others are taught. Confidence in the ability to lead or to follow is developed. Social enjoyment of dance is emphasized.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 233. Beginning Squash. 1 Credit.**

Basic shots are learned including forehand and backhand drives, corners, reverse corners, volleys, drop shots, and serves. Rules, terminology, and basic strategies are presented. Appreciation of squash as a game for fitness and fun is developed.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 235. Beginning-Level Swimming. 1 Credit.**

The course consists of swimming skills for students with limited water experience. These skills include water adjustment, floating, kicking, front crawl stroke, rhythmic breathing, and elementary backstroke. Emphasis is on efficient movement through the water. Foundation skills taught enable students to enjoy swimming and other aquatic activities as a lifetime sport. Basic water safety and first aid procedures are included.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 236. Swim Conditioning. 1 Credit.**

This course is designed to promote cardiovascular fitness through swimming. Conditioning and the refinement of stroke techniques will be stressed through stroke practice and workout routines. Topics will include stroke mechanisms of the four competitive strokes, starts, turns, interval, sprint, and long distance training.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 238. Tennis. 1 Credit.**

Basic skills are learned including forehand and backhand groundstrokes, the volley, and the serve. Rules, terminology, and basic game strategy will be taught. Through play, an increased level of fitness and skill will be gained to promote participation in tennis throughout life.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 239. Triathlon Training. 1 Credit.**

The purpose of this course is to introduce students to the sport of triathlons integrating the discipline of running, cycling, and swimming. The course is physically challenging and provides information on transitions and maintenance of equipment, as well as setting up a training program.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 240. Ultimate Frisbee. 1 Credit.**

Teaches the knowledge, skills, and rules of ultimate frisbee in order to develop a lasting interest in lifetime participation and to increase the student's level of physical fitness

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 241. Beginning Volleyball. 1 Credit.**

Basic skills are taught including the forearm pass, the overhead pass, setting, spiking, blocking, dinking, and serving. Rules and terminology are included. Basic offensive and defensive strategy is learned.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 242. Water Safety Instructor. 1 Credit.**

This course will train students to teach American Red Cross progressive swimming and water safety courses. Course content includes analysis of stroke mechanics, review of water safety skills, and investigation of teaching methodology. Students need to be proficient in front crawl, back crawl, elementary backstroke, breaststroke, and sidestroke.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 243. Beginning Weight Training. 1 Credit.**

Basic techniques and knowledge of variable resistance and free weight systems are taught. Fitness evaluation and individual workout programs are included. Development of muscular strength and endurance is stressed. Physiological principles of fitness and their relationships to weight training are also emphasized.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 245. Brazilian Jiu Jitsu. 1 Credit.**

This course will combine instruction in, and practice of, a sport or physical activity that can be sustained in later life, together with instruction in lifelong health.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 246. Sand Volleyball. 1 Credit.**

Students will gain skills necessary to develop a lasting interest in sand volleyball and to increase the student's level of physical fitness. Students will also learn the rules of the sport and how it differs from indoor volleyball.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 290. Special Topics. 1 Credit.**

This course is designed to cover the study and practice of special topics directed by an authority in the field. Subject matter will vary per instructor and topic.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 302. Intermediate Aerobics. 1 Credit.**

Challenges students to achieve higher levels of cardiovascular, flexibility, and strength fitness through dance and exercise movements to music. Students are expected to be able to participate in a minimum of 20 minutes of aerobic activities.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 308. Intermediate Ballet. 1 Credit.**

For the dancer with a solid understanding of the basics of ballet and several years' dance training. It emphasizes more sophisticated steps in longer combinations.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 310. Intermediate Bowling. 1 Credit.**

Focuses on refinement of the experienced student's delivery mechanics including the approach, release, and follow through. Maximum quality practice time is emphasized. Alternative approaches and releases are presented and several types of tournaments are conducted.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 314. Intermediate Fencing. 1 Credit.**

A review of the footwork and bladework covered in the beginning. Emphasis in this course is on individual and paired exercises rather than on large group lessons. An introduction to officiating is also covered in conjunction with greater competitive opportunities.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 316. Intermediate Golf. 1 Credit.**

Builds on and refines the basic fundamentals of the swing motion. Ball flight control is introduced with more in-depth swing analysis. Students who shoot 85 to 115 for 18 holes are eligible for this course.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 317. Intermediate Tumbling and Gymnastics. 1 Credit.**

The purpose of this course is to provide students with the opportunity to learn more difficult gymnastics skills and to incorporate them in a fluid routine. Added emphasis is placed on muscular strength and flexibility. Safe spotting techniques, particularly for more advanced skills, are stressed throughout the course.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 319. Intermediate Horseback Riding. 1 Credit.**

Students are introduced to jumping; emphasis is placed on learning more balance and control in the three basic gaits. Dressage is introduced. An additional fee is required; this course is taught off campus.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 320. Intermediate Jazz Dance. 1 Credit.**

Students will explore the jazz style in greater complexity plus gain understanding of jazz music as it relates to jazz dance. It includes center work, complex movement phrases across floor, adagio, and routines using large movement vocabulary. At least two years of dance and familiarity with jazz style are recommended.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 321. Intermediate Jogging. 1 Credit.**

Introduces students to the cardiovascular and overall fitness benefits of running. Students will learn how running can be a lifetime activity when approached sensibly and effectively. Students are expected to be able to run three miles in under 30 minutes prior to registering for this course.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 324. Intermediate Modern Dance. 1 Credit.**

Students will work to develop greater technical skill and continue a more advanced exploration of modern dance principles of effort-shape through center work and phrases of greater length and complexity in the center and across the floor. At least two years of modern dance training are recommended.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 325. Intermediate Racquetball. 1 Credit.**

Students will review beginning skills. Aspects of competition will be covered, including match preparation, officiating a match, and tournament play. Specific practice will involve shot selection and placement and back wall play.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 330. Intermediate Soccer. 1 Credit.**

Basic skills are reviewed and refined. Dead ball situations are studied, especially corner kicks and direct and indirect free kicks. Different systems of play are introduced and evaluated. Positional play is stressed in the development of advanced defensive and offensive tactics.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 335. Intermediate Swimming. 1 Credit.**

Techniques for crawl, sidestroke, elementary backstroke, back crawl, and breaststroke are covered. Basic water rescue skills are presented including first aid procedures. Physical fitness is promoted through swimming.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 338. Intermediate Tennis. 1 Credit.**

Increased proficiency in four basic skills will be developed. New shots taught include the overhead, the drop, the lob, and spin serve. Strategy for singles and doubles play will be stressed. Emphasis is on increased pace and ball placement.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 341. Intermediate Volleyball. 1 Credit.**

Students improve execution of basic skills through practice. Stresses safe execution of dives and rolls. Teaches various offensive strategies and defensive alignments. Emphasizes team play.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 343. Intermediate Weight Training. 1 Credit.**

Emphasizes the development of individualized muscular strength and endurance programs following instruction in the physiological principles and techniques of weight training. Students should have beginning weight training skills, techniques, and knowledge prior to enrolling in this class.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**Advanced Undergraduate and Graduate-level Courses****PHYA 402. Leading Group Fitness Activities. 1 Credit.**

All aspects of leading group fitness activities will be explored and applied, including components of an aerobic exercise class, modifications for individual needs and special populations, health screening, fitness testing.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 408. Advanced Ballet. 1 Credit.**

For the dancer with substantial background in ballet. Speed, endurance, multiple turns, beats, and complicated combinations are emphasized.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 409. Advanced Basic Training. 1 Credit.**

Advanced fitness program based on the model used by the United States Army Physical Fitness Academy to further improve aerobic and anaerobic fitness. Builds on conditioning level obtained in PHYA 209.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 414. Advanced Fencing. 1 Credit.**

A review of the footwork and bladework covered in the intermediate course; pair exercises and individual lessons dealing with both technique and tactics. Emphasis in this course is on individual and paired exercises rather than on large group lessons. Officiating is also covered in conjunction with greater competitive opportunities.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.



**PHYA 416. Advanced Golf. 1 Credit.**

Required preparation, a 15 or less handicap. Comprising this course are the ability to score, the analysis of strategy and shot production, and improvement of self-awareness and coping strategies.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 419. Advanced Horseback Riding. 1 Credit.**

Provides more technical flatwork at the walk, trot, and canter, as well as jumping. Course work will be primarily jumping. An additional fee is required; this course is taught off campus.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 424. Advanced Modern Dance. 1 Credit.**

This course is designed for the dancer with a solid understanding of the principles underlying modern dance and several years of dance training. It focuses on longer and more complicated phases of movements.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 427. Advanced Open Water Scuba Diving. 1 Credit.**

Nationally recognized scuba certification may substitute for prerequisite. The course will follow the PADI Advanced Open water course curriculum which contains five specialty dives focusing on deep, night, peak performance buoyancy, underwater navigation, and underwater naturalist.

**Requisites:** Prerequisite, PHYA 227.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

**PHYA 438. Advanced Tennis. 1 Credit.**

Individual skill improvement in all shots with pace and accuracy of shots is stressed. Advanced strategies for singles and doubles play are learned. Analysis of opponent's strengths and weaknesses and physical fitness are stressed through drills and games.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade; credit hours may not be used toward degree.

## Exercise and Sport Science Major, B.A.–General

### Contact Information

**Department of Exercise and Sport Science**  
Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
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**Darin A. Padua, Chair**

**Sherry Salyer, Director of Undergraduate Studies**  
[salyer@email.unc.edu](mailto:salyer@email.unc.edu)

Exercise and sport science examines the physics, physiology, psychology of sport and exercise, and the recognition and treatment of athletic injuries. The general major provides foundational courses in exercise science and is an excellent preparation for the allied medical fields.

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A.–General (p. 510)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 513)

### Minors

- Coaching Education Minor (p. 515)
- Exercise and Sport Science Minor (p. 515)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science>)

## Student Learning Outcomes

Upon completion of the Exercise and Sport Science program, students should be able to:

- Understand the role and importance of lifelong physical activity and exercise in society
- Demonstrate the ability to apply fundamental concepts of human physiology to explain how the human body responds to exercise and changing environments
- Describe neuromuscular control systems and concepts related to movement and motor skill acquisition, retention, and transfer
- Describe biomechanical and anatomical concepts of human motion and apply these concepts to understanding exercise, performance, and injury
- Understand the research process including research design, statistical terminology, and utilization of literature. Through this process they will be able to critically analyze current research in the field of exercise and sport science
- Demonstrate knowledge and procedures to respond in an emergency situation, identify and manage individual injury in health and fitness settings, and understand how to maintain a safe environment

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 175	Human Anatomy	3
EXSS 180	Physical Activity in Contemporary Society	3
EXSS 181	Sport and Exercise Psychology	3



EXSS 273	Research in Exercise and Sport Science	3
EXSS 276	Human Physiology	3
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	3
EXSS 376	Physiological Basis of Human Performance	3
EXSS 380	Neuromuscular Control and Learning	3
EXSS 385	Biomechanics of Sport	3
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
Total Hours		31

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

A maximum of 45 hours of EXSS courses may be applied toward the B.A. degree.

## Special Opportunities in Exercise and Sport Science

### Honors in Exercise and Sport Science

The senior honors program provides exercise and sport science majors the opportunity to pursue an independent, two-semester research project. A student must have an overall grade point average of 3.3 or above prior to acceptance into the departmental honors program and must maintain an overall average of 3.3 or above to remain in the program. Students complete EXSS 693H and EXSS 694H. Honors study involves the completion of a substantial piece of original research and the formal oral presentation of the results. Those successfully completing the program are awarded their degree with either honors or highest honors. Previous senior honors thesis topics and more information can be found on the EXSS department Web page. Please contact Dr. Meredith Petschauer (mbusby@email.unc.edu) by email or at (919) 962-1110, if you are interested.

### Departmental Involvement

In addition to its academic offerings, the department houses the campus recreation program. Students may also affiliate with the Carolina Fitness Professionals Club, Carolina Sports Business Club, and the Student Athletic Trainers Association. The “Get Real and Heel” program, offering exercise and recreation therapy services to women with breast cancer, and the “Sport Concussion Research” program provide opportunities for qualified students to volunteer and gain valuable research experience.

### Experiential Education

The following courses satisfy the experiential education requirement.

Code	Title	Hours
EXSS 51	First-Year Seminar: Entrepreneurship in Human Performance and Sport	3
EXSS 207	Coaching Principles	3
EXSS 393	Athletic Training Clinical	1
EXSS 395	Undergraduate Research Course	1-3
EXSS 420	Program Planning in Recreation Services	3
EXSS 493	Field Experience in Sport Administration	3
EXSS 593	Practicum in Physical Fitness and Wellness	1-3
EXSS 693H	Senior Honors Thesis	3

EXSS 694H	Senior Honors Thesis	3
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### Laboratory Teaching Internships and Assistantships

Athletic training students work with UNC–Chapel Hill sports teams and local high schools. The fitness professional students serve a practicum with local fitness organizations.

### Study Abroad

The Department of Exercise and Sport Science currently offers summer study abroad programs in Montevideo and Uruguay. Refer to the department’s Web site for more information. For other study abroad experiences the department will gladly work with its majors in advance of the experience to determine appropriate credit.

### Undergraduate Awards

The Patrick F. Earey Award, named in honor of a longtime faculty member, is given annually to the outstanding senior major in the department. The award signifies exemplary leadership, academic achievement, and extracurricular involvement by a senior exercise and sport science major.

The Ronald W. Hyatt Scholarship, named in honor of the late Dr. Hyatt, one of Carolina’s “priceless gems” and a faculty member in the department, is a merit-based scholarship awarded annually to an outstanding full-time undergraduate exercise and sport science major with junior status.

The EXSS Scholar Athlete Award is a merit-based award recognizing outstanding scholarship of a senior student athlete majoring in exercise and sport science.

### Undergraduate Research

Students are encouraged to explore research interests by taking EXSS 395, completing independent research studies, and writing senior honors theses. For a few highly motivated and dedicated individuals, working with faculty on faculty research projects is possible.

## Exercise and Sport Science Major, B.A.–Fitness Professional

### Contact Information

**Department of Exercise and Sport Science**  
Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
(919) 962-2021

**Professor Alain Aguilar**  
alaguila@email.unc.edu

**Hours** Darin A. Padua, Chair

**Sherry Salyer, Director of Undergraduate Studies**  
salyer@email.unc.edu

The goal of the fitness professional program is to prepare students to assume roles as leaders in the fitness field and the area of fitness research. The blend of theoretical coursework and practical experience will assist the student in preparing for career opportunities and national fitness certifications.

Interested students should attend the organizational meeting held approximately two to four weeks before spring and fall registration

begins. The exact date/time/place will be posted in Fetzer Hall and online. For more information, interested students can also access the fitness professional Web site (<http://exss.unc.edu/undergraduate-program/ba-in-exss/fitness-professional>) or contact Professor Alain Aguilar ([alaguila@email.unc.edu](mailto:alaguila@email.unc.edu)).

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A.–General (p. 510)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 513)

### Minors

- Coaching Education Minor (p. 515)
- Exercise and Sport Science Minor (p. 515)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science>)

## Student Learning Outcomes

Upon completion of the Exercise and Sport Science program (fitness professional track), students should be able to:

- Apply curriculum learning to pass fitness-related accredited certifications
- Efficiently and independently demonstrate accurate fitness testing methods to create comprehensive fitness programs for healthy and clinical populations
- Explain, correct, and modify exercise techniques to healthy and clinical populations
- Explain general nutritional concepts for specific fitness goals
- Comprehend the basic administrative duties of fitness management
- Critically analyze fitness-related research, blog posts, and other outlets of information

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Students seeking the major in exercise and sport science–fitness professional (EXSS–FP) must complete the following departmental requirements in addition to required General Education courses:

**Code**                      **Title**  
**Core Requirements**

EXSS 175	Human Anatomy	3
EXSS 220	Fitness Management	3
EXSS 273	Research in Exercise and Sport Science	3
EXSS 276	Human Physiology	3
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	3
EXSS 360	Sports Nutrition	3
EXSS 376	Physiological Basis of Human Performance	3
EXSS 385	Biomechanics of Sport	3
EXSS 408 or EXSS 478	Theory and Application of Strength Training and Conditioning for Fitness Professionals Sports Performance Training	3
EXSS 410	Exercise Testing and Prescription	4
EXSS 593	Practicum in Physical Fitness and Wellness	1-3
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
Select one:		4
BIOC 107	Introduction to Biochemistry	
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>1</sup>	
Total Hours		40-42

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> CHEM 101 requires MATH 110 as a prerequisite.

## Special Opportunities in Exercise and Sport Science

### Honors in Exercise and Sport Science

The senior honors program provides exercise and sport science majors the opportunity to pursue an independent, two-semester research project. A student must have an overall grade point average of 3.3 or above prior to acceptance into the departmental honors program and must maintain an overall average of 3.3 or above to remain in the program. Students complete EXSS 693H and EXSS 694H. Honors study involves the completion of a substantial piece of original research and the formal oral presentation of the results. Those successfully completing the program are awarded their degree with either honors or highest honors. Previous senior honors thesis topics and more information can be found on the EXSS department Web page. Please contact Dr. Meredith Petschauer ([mbsby@email.unc.edu](mailto:mbsby@email.unc.edu)) by email or at (919) 962-1110, if you are interested.

### Departmental Involvement

In addition to its academic offerings, the department houses the campus recreation program. Students may also affiliate with the Carolina Fitness Professionals Club, Carolina Sports Business Club, and the Student Athletic Trainers Association. The “Get Real and Heal” program, offering exercise and recreation therapy services to women with breast cancer, and the “Sport Concussion Research” program provide opportunities for qualified students to volunteer and gain valuable research experience.

### Experiential Education

**Hours** The following courses satisfy the experiential education requirement.

Code	Title	Hours
EXSS 51	First-Year Seminar: Entrepreneurship in Human Performance and Sport	3
EXSS 207	Coaching Principles	3
EXSS 393	Athletic Training Clinical	1
EXSS 395	Undergraduate Research Course	1-3
EXSS 420	Program Planning in Recreation Services	3
EXSS 493	Field Experience in Sport Administration	3
EXSS 593	Practicum in Physical Fitness and Wellness	1-3
EXSS 693H	Senior Honors Thesis	3
EXSS 694H	Senior Honors Thesis	3

Hours Darin A. Padua, Chair

**Sherry Salyer, Director of Undergraduate Studies**  
salyer@email.unc.edu

The sport administration program provides students with course work specific to sport-related business and prepares students to work in competitive and recreational sport settings or to attend graduate school. Primary course topics include administration, economics, event planning, facility management, finance, intercollegiate sports, law, marketing, professional sports, sales, sponsorship, and other important components of the sport industry.

For more information, please contact Dr. Robert Malekoff (rmalekof@email.unc.edu).

## Laboratory Teaching Internships and Assistantships

Athletic training students work with UNC–Chapel Hill sports teams and local high schools. The fitness professional students serve a practicum with local fitness organizations.

## Study Abroad

The Department of Exercise and Sport Science currently offers summer study abroad programs in Montevideo and Uruguay. Refer to the department's Web site for more information. For other study abroad experiences the department will gladly work with its majors in advance of the experience to determine appropriate credit.

## Undergraduate Awards

The Patrick F. Earey Award, named in honor of a longtime faculty member, is given annually to the outstanding senior major in the department. The award signifies exemplary leadership, academic achievement, and extracurricular involvement by a senior exercise and sport science major.

The Ronald W. Hyatt Scholarship, named in honor of the late Dr. Hyatt, one of Carolina's "priceless gems" and a faculty member in the department, is a merit-based scholarship awarded annually to an outstanding full-time undergraduate exercise and sport science major with junior status.

The EXSS Scholar Athlete Award is a merit-based award recognizing outstanding scholarship of a senior student athlete majoring in exercise and sport science.

## Undergraduate Research

Students are encouraged to explore research interests by taking EXSS 395, completing independent research studies, and writing senior honors theses. For a few highly motivated and dedicated individuals, working with faculty on faculty research projects is possible.

# Exercise and Sport Science Major, B.A.–Sport Administration

## Contact Information

Department of Exercise and Sport Science  
Visit Program Website (<http://exss.unc.edu>)  
209 Fetzner Hall, CB# 8700  
(919) 962-2021

**Robert Malekoff**  
rmalekof@email.unc.edu

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A.–General (p. 510)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 513)

### Minors

- Coaching Education Minor (p. 515)
- Exercise and Sport Science Minor (p. 515)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science>)

## Student Learning Outcomes

Upon completion of the Exercise and Sport Science program (sport administration track), students should be able to:

- Understand and apply fundamental processes related to the sales process, marketing sport, and marketing through sport
- Recognize the challenges of planning, designing, and managing an effective and efficient sport event, applying solutions or best practices to challenges
- Understand and identify the proper legal theory, including contracts, torts, property, agency, administrative, and Constitutional law as applied in the sport industry
- Apply specific critical thinking and analytical techniques used by financial managers to economic/financial challenges found in various sport settings
- Identify their own leadership qualities and core values, assess how their unique approach will help or hinder their ability to lead, and set a personal leadership vision to guide them within the sport industry

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill

- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Students seeking the major in exercise and sport science—sport administration (EXSS—SA) must complete the following requirements in addition to required General Education courses:

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 221	Introduction to Sport Administration <sup>1</sup>	3
EXSS 224	Sport Sales and Revenue Production Seminar	3
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	3
EXSS 322	Fundamentals of Sport Marketing	3
EXSS 323	Sport Facility and Event Management	3
EXSS 324	Finance and Economics of Sport	3
EXSS 326	Legal Aspects of Sport	3
EXSS 493	Field Experience in Sport Administration	3
Six (6) additional credits must be earned in EXSS courses (at least one course, 3 hours, must be at the 200 level or above). <sup>2</sup>		6
<b>Additional Requirements</b>		
ECON 101	Introduction to Economics (prerequisite for EXSS 324) <sup>H</sup>	3
STOR 151	Introduction to Data Analysis	3
or STOR 155	Introduction to Data Models and Inference	
Total Hours		36

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> EXSS 221 is a prerequisite for EXSS 322, EXSS 323, and EXSS 493.

<sup>2</sup> EXSS 420 and EXSS 430 may also be used. Note: EXSS 493 may be taken twice for a maximum total of six credits, but may not be used to fill this requirement.

Students considering graduate work in sport administration should take EXSS 273.

Exercise and Sport Science (EXSS) course descriptions (p. 500).

## Special Opportunities in Exercise and Sport Science

### Honors in Exercise and Sport Science

The senior honors program provides exercise and sport science majors the opportunity to pursue an independent, two-semester research project. A student must have an overall grade point average of 3.3 or above prior to acceptance into the departmental honors program and must maintain an overall average of 3.3 or above to remain in the program. Students complete EXSS 693H and EXSS 694H. Honors study involves the completion of a substantial piece of original research and the formal oral presentation of the results. Those successfully completing the program are awarded their degree with either honors or highest honors. Previous senior honors thesis topics and more information can be found on the EXSS department Web page. Please contact Dr. Meredith

Petschauer (mbusby@email.unc.edu) by email or at (919) 962-1110, if you are interested.

### Departmental Involvement

In addition to its academic offerings, the department houses the campus recreation program. Students may also affiliate with the Carolina Fitness Professionals Club, Carolina Sports Business Club, and the Student Athletic Trainers Association. The “Get Real and Heel” program, offering exercise and recreation therapy services to women with breast cancer, and the “Sport Concussion Research” program provide opportunities for qualified students to volunteer and gain valuable research experience.

### Experiential Education

The following courses satisfy the experiential education requirement.

Code	Title	Hours
EXSS 51	First-Year Seminar: Entrepreneurship in Human Performance and Sport	3
EXSS 207	Coaching Principles	3
EXSS 393	Athletic Training Clinical	1
EXSS 395	Undergraduate Research Course	1-3
EXSS 420	Program Planning in Recreation Services	3
EXSS 493	Field Experience in Sport Administration	3
EXSS 593	Practicum in Physical Fitness and Wellness	1-3
EXSS 693H	Senior Honors Thesis	3
EXSS 694H	Senior Honors Thesis	3

### Laboratory Teaching Internships and Assistantships

Athletic training students work with UNC—Chapel Hill sports teams and local high schools. The fitness professional students serve a practicum with local fitness organizations.

### Study Abroad

The Department of Exercise and Sport Science currently offers summer study abroad programs in Montevideo and Uruguay. Refer to the department’s Web site for more information. For other study abroad experiences the department will gladly work with its majors in advance of the experience to determine appropriate credit.

### Undergraduate Awards

The Patrick F. Earey Award, named in honor of a longtime faculty member, is given annually to the outstanding senior major in the department. The award signifies exemplary leadership, academic achievement, and extracurricular involvement by a senior exercise and sport science major.

The Ronald W. Hyatt Scholarship, named in honor of the late Dr. Hyatt, one of Carolina’s “priceless gems” and a faculty member in the department, is a merit-based scholarship awarded annually to an outstanding full-time undergraduate exercise and sport science major with junior status.

The EXSS Scholar Athlete Award is a merit-based award recognizing outstanding scholarship of a senior student athlete majoring in exercise and sport science.

### Undergraduate Research

Students are encouraged to explore research interests by taking EXSS 395, completing independent research studies, and writing senior

honors theses. For a few highly motivated and dedicated individuals, working with faculty on faculty research projects is possible.

## Coaching Education Minor

### Contact Information

#### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
(919) 962-2021

**Darin A. Padua, Chair**

#### Sherry Salyer, Director of Undergraduate Studies

[salyer@email.unc.edu](mailto:salyer@email.unc.edu)

Coaching education minors have the opportunity to gain both theoretical and practical knowledge regarding psychological, physiological, pedagogical, philosophical, and management aspects of coaching.

### Department Programs

#### Majors

- Exercise and Sport Science Major, B.A.–General (p. 510)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 513)

#### Minors

- Coaching Education Minor (p. 515)
- Exercise and Sport Science Minor (p. 515)

#### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science>)

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in coaching education is by approval only and consists of five courses, distributed as follows:

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 205	Analysis of Sport Skills I	3
or EXSS 206	Analysis of Sport Skills II	
EXSS 207	Coaching Principles	3
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	3
Two from:		6
EXSS 141	Personal Health	

EXSS 181	Sport and Exercise Psychology
EXSS 211	Adapted Physical Education
EXSS 221	Introduction to Sport Administration
EXSS 360	Sports Nutrition
EXSS 376	Physiological Basis of Human Performance
EXSS 380	Neuromuscular Control and Learning
EXSS 385	Biomechanics of Sport
EXSS 408	Theory and Application of Strength Training and Conditioning for Fitness Professionals
EXSS 430	Introduction to Leadership and Group Dynamics
EXSS 478	Sports Performance Training

Total Hours 15

See the program page here (p. 511) for special opportunities.

## Exercise and Sport Science Minor

### Contact Information

#### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
(919) 962-2021

**Darin A. Padua, Chair**

#### Sherry Salyer, Director of Undergraduate Studies

[salyer@email.unc.edu](mailto:salyer@email.unc.edu)

Exercise and sport science examines the physics, physiology, and psychology of sport and exercise; the recognition and treatment of athletic injuries; and the administration of athletics.

### Department Programs

#### Majors

- Exercise and Sport Science Major, B.A.–General (p. 510)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 511)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 513)

#### Minors

- Coaching Education Minor (p. 515)
- Exercise and Sport Science Minor (p. 515)

#### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science>)

### Hours Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)



For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Five courses chosen from:		15
EXSS 180	Physical Activity in Contemporary Society	
EXSS 181	Sport and Exercise Psychology	
EXSS 288	Emergency Care of Athletic Injuries and Illnesses <sup>1</sup>	
EXSS 360	Sports Nutrition <sup>1</sup>	
EXSS 376	Physiological Basis of Human Performance <sup>1</sup>	
EXSS 380	Neuromuscular Control and Learning <sup>1</sup>	
EXSS 385	Biomechanics of Sport <sup>1</sup>	
EXSS 408	Theory and Application of Strength Training and Conditioning for Fitness Professionals <sup>1</sup>	
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
Total Hours		19

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Please note that some EXSS courses require prerequisites.

See the program page here (p. 511) for special opportunities.

# DEPARTMENT OF GEOGRAPHY

## Contact Information

### Department of Geography

Visit Program Website (<http://geography.unc.edu>)  
205 Carolina Hall, CB# 3220  
(919) 962-8901

**Elizabeth A. Olson, Chair**  
[eaolson@email.unc.edu](mailto:eaolson@email.unc.edu)

**Nina Martin, Director of Undergraduate Studies**  
[ninam@email.unc.edu](mailto:ninam@email.unc.edu)

**Nell Phillips, Undergraduate Program Administrator**  
[nphillip@email.unc.edu](mailto:nphillip@email.unc.edu)

## Introduction

Geography is the science of space, place, and environment. The department offers classes spanning the social and natural sciences and offering students training in qualitative, quantitative, spatial analysis and modelling, and laboratory methodologies. Human geographers study the spatial aspects of human activity and physical geographers study patterns of climate, land forms, soils and water. Geographic tools and techniques—including Geographic Information Systems, remote sensing, and online and interactive mapping technologies—are among the most important for exploring and understanding our complex world. Geographic inquiry is global and local, inherently interdisciplinary, and offers skills that enable insights into pressing issues valued by employers and policy makers. For example, how does climate change impact the way we build cities? How does globalization influence where your jeans are made? How can health disparities between people be overcome through policy change? By synthesizing this knowledge, geographers create unique understandings of our complex world.

Career opportunities for geographers are wide ranging in the public, private, and nongovernmental sectors. Geographers work in the areas of social, health, and environmental policy; energy, transportation, economic, development, and tourism planning; urban and regional planning; research and education; community development; resource management; and environmental regulation and modeling.

With geography you can explore the world and find yourself.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointment and during regular office hours (see department Web site as hours will vary by semester). Departmental academic advising is highly recommended for all majors, in particular those considering graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site.

## Facilities

The department has a range of specialized, state-of-the-art equipment for geospatial field sampling and laboratory analysis of data in hydrology, climatology, and vegetation science, including an ecohydrology laboratory and a dendrology laboratory. The department is wired internally to support the latest network technology. This network links us to the centrally managed servers that provide access to a large library of software for geographic applications and research, as well as first-class library resources, data storage and backup, and access to supercomputing clusters.

## Graduate School and Career Opportunities

There are a variety of job opportunities for geographers in government, business, industry, and the nonprofit sector. Geographers are hired for the following kinds of expertise: locational analysis, GISci, remote sensing, cartography, land use planning, recreation and tourism planning, and foreign area expertise. Many geographers pursue teaching at all levels.

Students with a B.A. major in geography from UNC–Chapel Hill are well trained for graduate programs in geography and other disciplines. Majors have entered graduate programs as diverse as city and regional planning, business, medicine, and ecology. For more information about careers in geography, the UNC–Chapel Hill Department of Geography, degree requirements, and connections to other sites of interest, visit the department's Web site at [geography.unc.edu](http://geography.unc.edu) (<http://geography.unc.edu>).

### Major

- Geography Major, B.A. (p. 524)

### Minor

- Geography Minor (p. 529)

### Graduate Programs

- M.A. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography>)
- Ph.D. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography>)

## Professors

Michael E. Emch, Scott Kirsch, Elizabeth Olson, John Pickles, Conghe Song, Stephen J. Walsh.

## Associate Professors

Javier A. Arce-Nazario, Xiaodong Chen, Altha J. Cravey, Banu P. Gökariksel, Clark Gray, Elizabeth Havice, Charles E. Konrad, Nina Martin, Aaron Moody, Sara Smith, Gabriela Valdivia, Erika Wise.

## Assistant Professors

Andrew Curley, Jason Davis, Paul L. Delamater, Christian Lentz, Diego Riveros-Iregu.

## Professors Emeriti

Stephen Birdsall, John W. Florin, Wilbert M. Gesler, Richard J. Kopec, Peter J. Robinson, Thomas Whitmore.

## **GEOG—Geography**

### **Undergraduate-level Courses**

#### **GEOG 50. First-Year Seminar: Mountain Environments. 3 Credits.**

This course is on understanding the physical geography of mountain environments and the processes that have created them, shaped them, and sustained them.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **GEOG 52. Political Ecology of Health and Disease. 3 Credits.**

This course examines the intersection of political, economic, social, and environmental systems that shape health and disease across spatial and temporal scales. A political ecological framework is used to examine such topics as how political forces and economic interests helped shape the HIV/AIDS and malaria pandemics in Africa and beyond.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

#### **GEOG 52H. Political Ecology of Health and Disease. 3 Credits.**

This course examines the intersection of political, economic, social, and environmental systems that shape health and disease across spatial and temporal scales. A political ecological framework is used to examine such topics as how political forces and economic interests helped shape the HIV/AIDS and malaria pandemics in Africa and beyond.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

#### **GEOG 53. First-Year Seminar: Battle Park: Carolina's Urban Forest. 3 Credits.**

An introduction to the study of urban forest landscapes through a series of field experiences in Carolina's Battle Park.

**Gen Ed:** PL, EE- Field Work.

**Grading status:** Letter grade.

#### **GEOG 54. First-Year Seminar: Global Change and the Carolinas. 3 Credits.**

An examination of the ways in which change in the global physical environment, human induced and natural, might impact the Carolinas.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **GEOG 55. First-Year Seminar: Landscape in Science and Art. 3 Credits.**

Explores viewing landscape from the perspective of science and of art, and investigates how an integration of both leads to a better understanding and appreciation of a landscape.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **GEOG 56. First-Year Seminar: Local Places in a Globalizing World. 3 Credits.**

An examination of the relationship between globalization and localization in order to think about how we, as individuals and groups, can make a difference in the world.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

#### **GEOG 58. First-Year Seminar: Making Myth-Leading Memories: Landscapes of Remembrance. 3 Credits.**

This course considers memorial landscapes created to reinforce values symbolized by the person, group, or event memorialized. It looks at how disagreements and cultural changes affect memorial landscape interpretation.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **GEOG 59. First-Year Seminar: Space, Identity, and Power in the Middle East. 3 Credits.**

This seminar examines the role traditional and modern spaces play in representations of the Middle East and how Middle Easterners engage these contested spaces to construct their cultural and political identities.

**Gen Ed:** BN.

**Grading status:** Letter grade.

#### **GEOG 60. First-Year Seminar: Health Care Inequalities. 3 Credits.**

Explores the social and spatial inequalities in health care access and use and their impacts on health. A variety of topics are examined, including health-related policies, beliefs about health and health care, modern medical practices, and health care costs.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **GEOG 61. First-Year Seminar: Climate Change in the American Southeast. 3 Credits.**

Seminar participants, working in small groups, will run climate models and investigate current climate trends, combining the results to create scenarios of future climate for the southeast United States.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **GEOG 62. First-Year Seminar: The Culture of Technology. 3 Credits.**

This first-year seminar uses the lens of culture to explore systems of meaning and values, and relations of social power, that are invested in technologies.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

#### **GEOG 63. First-Year Seminar: The Problem with Nature and Its Preservation. 3 Credits.**

Alternative conceptualizations of nature in Western culture and how these meanings help create the landscapes in which we live and allow us to evaluate the implications of efforts to preserve nature.

**Gen Ed:** PH.

**Grading status:** Letter grade.

#### **GEOG 64. First-Year Seminar: Vietnam. 3 Credits.**

Explores modern Vietnam and situates the American war in broader spatial and historical context. Draws on fact, fiction, and visual media to introduce a fascinating place, rich in history, and to animate a geographic imagination students can take anywhere.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

#### **GEOG 65. First-Year Seminar: Climate Change and the Media. 3 Credits.**

Examines the popular debate on global warming and its presentation in the media. Covers the scientific basis of climate change, focusing on how the science is presented, distorted, and debated in the public sphere.

**Gen Ed:** PL, CI.

**Grading status:** Letter grade.

#### **GEOG 65H. First-Year Seminar: Climate Change and the Media. 3 Credits.**

Examines the popular debate on global warming and its presentation in the media. Covers the scientific basis of climate change, focusing on how the science is presented, distorted, and debated in the public sphere.

**Gen Ed:** PL, CI.

**Grading status:** Letter grade.

**GEOG 67. First-Year Seminar: Politics of Everyday Life. 3 Credits.**

Seminar examines the ways that politics, especially contests over territory, are part of our day-to-day life. We will explore a range of cases, from immigration policy and rhetoric in the United States, to popular representations of geopolitics in film, to the politics of family planning in India.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 89. First Year Seminar: Special Topics. 3 Credits.**

Special Topics Course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOG 110. The Blue Planet: An Introduction to Earth's Environmental Systems. 3 Credits.**

Emphasizes geographic patterns and interrelationships in energy, climate, terrain, and life. Develops integrative view of how atmospheric, hydrologic, geomorphic, and biotic processes create global patterns in the environment. Incorporates influence of human activities on earth. Class will help students understand the natural environment, both globally and in North Carolina.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOG 110H. The Blue Planet: An Introduction to Earth's Environmental Systems. 3 Credits.**

Emphasizes geographic patterns and interrelationships in energy, climate, terrain, and life. Develops integrative view of how atmospheric, hydrologic, geomorphic, and biotic processes create global patterns in the environment. Incorporates influence of human activities on earth. Class will help students understand the natural environment, both globally and in North Carolina.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOG 111. Weather and Climate. 3 Credits.**

An introduction to the nature and causes of weather variability and climate change and their impact on human activity. No laboratory. (Core)

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOG 115. Maps: Geographic Information from Babylon to Google. 3 Credits.**

Introduces the science and art of map making and will lay the conceptual foundation necessary to understand how and why maps are made and used.

**Grading status:** Letter grade.

**GEOG 120. World Regional Geography. 3 Credits.**

A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 120.

**GEOG 121. Geographies of Globalization. 3 Credits.**

This course examines places and the connections between places to build critical understandings of the role of human geographies in global economic, political, social, and cultural systems. (Core)

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 123. Cultural Geography. 3 Credits.**

How population, environment, and human culture is expressed in technology and organization interact over space and time. (GHA)

**Gen Ed:** SS.

**Grading status:** Letter grade.

**GEOG 124. Gender and Place: Feminist Geographies. 3 Credits.**

This course explores the relationship between gender and place and introduces feminist approaches to key geographical concepts. We will study how places that we live in shape our gender identities and how gender relations affect our worlds. Topics include bodies, home, city, migration, development, nationalism, and war.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 125. Cultural Landscapes. 3 Credits.**

Explores how everyday culture helps create the landscapes and places in which we live and what these landscapes tell us about ourselves.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**GEOG 130. Geographical Issues in the Developing World. 3 Credits.**

An introduction to historical and contemporary ideas about practices and meanings of development. Students will explore "development" in a global landscape of poverty, power, and struggles over inequality.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 130H. Geographical Issues in the Developing World. 3 Credits.**

An introduction to historical and contemporary ideas about practices and meanings of development. Students will explore "development" in a global landscape of poverty, power, and struggles over inequality.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 141. Geography for Future Leaders. 3 Credits.**

In this course, students develop geographic concepts and skills and use them to navigate real-world social and environmental challenges. Co-taught by a physical and human geographer, the course provides students with essential building blocks for becoming active and engaged leaders and citizens in a rapidly changing world.

**Gen Ed:** PL, GL.

**Grading status:** Letter grade.

**GEOG 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GLOBL 210, ANTH 210, HIST 210, POLI 210.

**GEOG 212. Environmental Conservation and Global Change. 3 Credits.**

Survey of environmental change as driven by physical processes and human activity. Problem-solving methods are explored. Focus on issues such as global warming, ozone depletion, deforestation, extinction, pollution, wetland loss. This course will provide significant background in physical geography in the context of today's most pressing environmental concerns and with reference to the societal implications and management strategies. (No lab.) (Core)

**Gen Ed:** PL, GL.

**Grading status:** Letter grade.

**GEOG 222. Health and Medical Geography. 3 Credits.**

The human ecology of health is studied by analyzing the cultural/environmental interactions that lie behind world patterns of disease distribution, diffusion, and treatment, and the ways these are being altered by development. Previously offered as GEOG 445. (GHA)

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 225. Space, Place, and Difference. 3 Credits.**

Gender, race, and class are examined in terms of the spatial patterns of everyday life, regional patterns, and global patterns. (GHA)

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 225.

**GEOG 228. Urban Geography. 3 Credits.**

Explores the evolution, patterns, and processes of urbanization and the development of cities and city systems. Emphasis on the origin, growth, and spatial distribution of cities and on the internal spatial organization of activities within cities. (GHA)

**Gen Ed:** SS.

**Grading status:** Letter grade.

**GEOG 230. The World at Eight Billion. 3 Credits.**

Approximately eight billion people live on the Earth. How did we get here? What have been the consequences for us and the planet? What will the future bring? To answer these questions, we will draw on population and human-environment geography and on an abundance of new data sources.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 232. Agriculture, Food, and Society. 3 Credits.**

A study of environmental parameters, cultural preferences, technological developments, and spatial economic infrastructure that result in world patterns of food consumption, production, and distribution. (GHA)

**Gen Ed:** SS.

**Grading status:** Letter grade.

**GEOG 237. Natural Resources. 3 Credits.**

An analysis of selected biological and mineral resources of the world with particular emphasis on their distribution, utilization, and management policies and on their social and economic implications. (GHA)

**Grading status:** Letter grade.

**GEOG 253. Introduction to Atmospheric Processes. 4 Credits.**

Includes one-hour laboratory. Atmospheric processes including radiation, dynamics, and thermodynamics are emphasized. Circulations across a range of temporal and spatial scales are described. Links between environmental problems and the atmosphere are explored.

**Requisites:** Prerequisites, MATH 231 and either CHEM 102 or PHYS 114.

**Grading status:** Letter grade

**Same as:** ENEC 253.

**GEOG 259. Geography of Latin America. 3 Credits.**

An introduction to Latin American geography through an examination of how the region came to be distinct and how social, political, and economic processes continue to define it. (Regional)

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**GEOG 260. North America's Landscapes. 3 Credits.**

A survey of the cultural and physical landscapes of the United States and Canada. Emphasis on landscape evolution, present distributions, and interactions between people and their environment. (Regional)

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**GEOG 261. The South. 3 Credits.**

Present-day Southern United States, approached historically through a study of its physical, economic, and cultural environment. (Regional)

**Grading status:** Letter grade.

**GEOG 262. Geography of North Carolina. 3 Credits.**

A survey of the cultural, economic, and physical diversity of North Carolina. Emphasizes regional patterns, historical changes, and the appearance of the landscape. (Regional)

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GEOG 263. Environmental Field Studies in Siberia. 4 Credits.**

This course explores the biogeography of Siberia and gives students practical training on how to do field work in field ecology and physical geography.

**Grading status:** Letter grade

**Same as:** ENEC 263.

**GEOG 264. Conservation of Biodiversity in Theory and Practice. 3 Credits.**

This course will give students a multidisciplinary introduction to growing field of biodiversity preservation.

**Requisites:** Prerequisite, ENEC 201; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** ENEC 264.

**GEOG 265. Eastern Asia. 3 Credits.**

Spatial structure of population, urbanization, agriculture, industrialization, and regional links in China, Japan, and Korea. (Regional)

**Grading status:** Letter grade

**Same as:** ASIA 265.

**GEOG 266. People and Environment in Southeast Asia. 3 Credits.**

Sociological, biophysical, and geographical elements are integrated to examine interactions of population and environment in Thailand and neighboring countries. Diverse data sources and perspectives will be used to examine local to global issues. (Regional)

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**GEOG 267. South Asia. 3 Credits.**

Introduces students to the geography of South Asia, including an overview of the physical environment, cultural practices, and economic development. Emphasizes the political geography of South Asia and political and social processes such as nationalism and colonialism that have played a formative role in the region.

**Gen Ed:** BN.

**Grading status:** Letter grade

**Same as:** ASIA 267.



**GEOG 268. Geography of Africa. 3 Credits.**

Focuses on dynamic sociocultural, political, economic, and environmental issues shaping contemporary sub-Saharan Africa to develop an understanding of major drivers of stark physical, environmental, and socioeconomic contrasts across the continent and trajectories for the future. Themes include land use and environmental change, historical legacies, urbanization, economic growth, and trade.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**GEOG 269. Human-Environment Interactions in the Galapagos Islands. 3 Credits.**

The Social and ecological implications of resource conservation and economic development in a World Heritage Site are examined in the Galapagos Islands of Ecuador.

**Gen Ed:** PL, BN.

**Grading status:** Letter grade.

**GEOG 270. Geography of Contemporary China. 3 Credits.**

This course provides a systematic introduction to China as an emerging political and economic power. From a geographic perspective, this course addresses uneven human and physical landscapes, the historical evolution and current status of the natural environment, economic development, and human well being.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 295. Undergraduate Research in Geography. 3 Credits.**

Permission of the instructor. For students who wish to participate in departmental research programs. May be taken twice.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOG 296. Independent Study. 1-12 Credits.**

Permission of the instructor. Special reading and research in geography under the supervision of a selected instructor. Course may not be taken more than twice.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GEOG 334. Human Ecology of Health and Disease. 3 Credits.**

Examines the role of the interactions of cultures, environments, and human diseases in the quest for sustainable agriculture by examining the cultural ecology of agriculture systems and their human diseases. Previously offered as GEOG 434. (GHA)

**Gen Ed:** GL.

**Grading status:** Letter grade.

**GEOG 341. Hydrology, Ecology, and Sustainability of the Humid Tropics. 3 Credits.**

The Tropics have some of the largest river flows in the world. Three billion people live in humid tropical regions, yet many of them lack adequate water supply. This course focuses on the water cycle of tropical regions and the interactions between hydrology and ecology with an emphasis on sustainability.

**Gen Ed:** PL, GL.

**Grading status:** Letter grade.

**GEOG 370. Introduction to Geographic Information. 3 Credits.**

A survey of geographic data sources including maps, photos, digital images, Census information, and others. Emphasis is on appropriate uses, limitations, and skilled interpretation in physical and human geography applications. (Core)

**Grading status:** Letter grade.

**GEOG 390. Contemporary Topics in Geography. 1-12 Credits.**

Exploration of topics in contemporary geography.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GEOG 391. Quantitative Methods in Geography. 3 Credits.**

This course provides an introduction to the application of statistical methods to geographic problems and to statistical packages in their solution. Attention given to spatial data analysis and sampling methods.

**Grading status:** Letter grade.

**GEOG 392. Research Methods in Geography. 3 Credits.**

Introduces geographic research methods and develops skills to conduct independent research. Themes include spatial analysis, knowledge production, methodology, theory and evidence, and principles of informed argument. Students gain experience with multiple methods applicable to the study of diverse topics.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****GEOG 406. Atmospheric Processes II. 4 Credits.**

Principles of analysis of the atmosphere are applied to the analysis of environmental phenomena. The link between the atmosphere and other environmental compartments is explored through environmental case studies.

**Grading status:** Letter grade

**Same as:** ENEC 406.

**GEOG 410. Modeling of Environmental Systems. 3 Credits.**

Uses systems theory and computer models to understand ecosystem energy and matter flows, such as energy flow in food webs, terrestrial ecosystem evapotranspiration and productivity, related to climate, vegetation, soils, and hydrology across a range of spatial and temporal scales.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**GEOG 412. Synoptic Meteorology. 3 Credits.**

An analysis of synoptic weather patterns and the processes responsible for them. Climatological aspects of these weather patterns are emphasized. (EES)

**Requisites:** Prerequisite, GEOG 110 or 111.

**Grading status:** Letter grade.

**GEOG 414. Climate Change. 3 Credits.**

An investigation of the scientific basis of climate change (past, present, and future), the current state of knowledge concerning future projections, and the implications of climate change for society and the environment.

**Grading status:** Letter grade.

**GEOG 416. Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems. 3 Credits.**

Applied climatology involves the interdisciplinary application of climate data and techniques to solve a wide range of societal and environmental problems. This projects-based course investigates how climate impacts a range of sectors, including water resources, urban environments, ecosystems, and human health.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOG 419. Field Methods in Physical Geography. 3 Credits.**

Involves evaluation of landscapes by examining nature and biophysical elements influencing landscape form and function. Course emphasizes data collection, analysis, and interpretation using GIS and field methods. (EES)

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**GEOG 423. Social Geography. 3 Credits.**

A study of the spatial components of current social problems, such as poverty, race relations, environmental deterioration and pollution, and crime. (GHA)

**Grading status:** Letter grade.

**GEOG 424. Geographies of Religion. 3 Credits.**

This course considers the theoretical and empirical dimensions of religion from a geographical perspective. The course introduces the key theories linking space, place, and religion and helps students apply these new theoretical tools to examine some of the pressing issues in the contemporary study of religion.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

**GEOG 428. Global Cities: Space, Power, and Identity in the Built Environment. 3 Credits.**

This course addresses questions of power, politics, and identity in the urban environment, with a focus on the emergence of key selected global cities and the processes that both created them historically and which are currently transforming them locally and globally.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** PLAN 428.

**GEOG 429. Urban Political Geography: Durham, NC. 3 Credits.**

An interdisciplinary exploration of urban social problems, bridging the literature on urban geography with that on urban politics. Students will be required to complete 30 hours of service for an organization that works on an urban social issue.

**Gen Ed:** SS, EE- Service Learning.

**Grading status:** Letter grade.

**GEOG 430. Global Migrations, Local Impacts: Urbanization and Migration in the United States. 3 Credits.**

This course explores the relationship between patterns of urban development in the United States and migration, in both historical and contemporary contexts.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**GEOG 435. Environmental Politics. 3 Credits.**

This course brings geographical perspectives on place, space, scale, and environmental change to the study of environmental politics. In lectures, texts, and student research, students examine topics including environmental health risks, globalization and urban environments, and the role of science in environmental politics. (GHA)

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GEOG 436. Governance, Institutions, and Global Environmental Change. 3 Credits.**

Interdisciplinary course for advanced undergraduates and graduate students. Focuses on multiscale environmental issues and related social, institutional, governance, and policy challenges. Examines key concepts and theories involving global environmental change and problem-solving efforts.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**GEOG 437. Social Vulnerability to Climate Change. 3 Credits.**

How does climate change affect vulnerable human populations? We will attempt to answer a shared research question on this topic by reading the peer-reviewed literature and by conducting a semester-long data analysis project incorporating social and climate data from around the world. This is a course-based undergraduate research experience (CURE).

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** ENEC 437.

**GEOG 440. Earth Surface Processes. 3 Credits.**

This course will focus on the processes of soil formation, erosion, and landform evolution with an emphasis on the interaction of geomorphic processes with surface hydrology and ecosystems. (EES)

**Requisites:** Prerequisite, GEOG 110.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 502.

**GEOG 441. Introduction to Watershed Systems. 3 Credits.**

Introduction to hydrologic and geomorphic processes and forms in watersheds as applied to problems in flood analysis, water quality, and interactions with ecosystem processes. Covers drainage networks, nested catchments, and distribution and controls of precipitation, evaporation, runoff, and groundwater flow. (EES)

**Requisites:** Prerequisite, ENEC 202 or GEOG 110; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOG 442. River Processes. 3 Credits.**

Introduction to landforms and processes associated with flowing water at the earth's surface. Hydrology, sedimentology, and theories of channel formation and drainage basin evolution. (ESS)

**Grading status:** Letter grade.

**GEOG 444. Landscape Biogeography. 3 Credits.**

This course is concerned with the application of biogeographical principles and techniques to the study of natural and human-modified landscapes. It includes local and extraregional case studies. (EES)

**Grading status:** Letter grade.

**GEOG 446. Geography of Health Care Delivery. 3 Credits.**

This course examines the role that geography plays in shaping how people interact with the health care system. Topics include health care delivery system types, facility and personnel distributions, access to care, health care utilization, as well as GIS, spatial analysis, and decision support systems.

**Grading status:** Letter grade.

**GEOG 447. Gender, Space, and Place in the Middle East. 3 Credits.**

Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)

**Grading status:** Letter grade

**Same as:** ASIA 447, WGST 447.

**GEOG 448. Transnational Geographies of Muslim Societies. 3 Credits.**

Examines modern Muslim geographies that are created by transnational flows, connections, and imaginaries that cross national and regional boundaries across the Middle East, Southeast Asia, and beyond.

**Grading status:** Letter grade.

**GEOG 451. Population, Development, and the Environment. 3 Credits.**

Introduction to contemporary and historical changes in human population, international development, and the global environment and how these processes interact, drawing on population geography as an organizing framework. Previously offered as GEOG 450.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** ENEC 451.

**GEOG 452. Mobile Geographies: The Political Economy of Migration. 3 Credits.**

This course explores the contemporary experience of migrants. Various theoretical approaches are introduced, with the emphasis on a political-economic approach. (GHA)

**Gen Ed:** EE- Field Work, GL.

**Grading status:** Letter grade.

**GEOG 453. Political Geography. 3 Credits.**

The geography of politics is explored at the global, the nation-state, and the local scale in separate course units, but the interconnections between these geographical scales are emphasized throughout. (GHA)

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** PWAD 453.

**GEOG 454. Historical Geography of the United States. 3 Credits.**

A study of selected past geographies of the United States with emphasis on the significant geographic changes in population, cultural, and economic conditions through time. (GHA)

**Grading status:** Letter grade

**Same as:** FOLK 454.

**GEOG 457. Rural Latin America: Agriculture, Environment, and Natural Resources. 3 Credits.**

This course explores a systems and cultural-ecological view of agriculture, environment, natural resource, and rural development issues in Latin America. It serves as a complement to GEOG 458 Urban Latin America. (Regional)

**Requisites:** Prerequisite, GEOG 259; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GEOG 458. Urban Latin America: Politics, Economy, and Society. 3 Credits.**

This course examines urban social issues in contemporary Latin America. Cities and their residents will be considered in relation to each other and to North American examples. (Regional)

**Requisites:** Prerequisite, GEOG 259; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**GEOG 460. Geographies of Economic Change. 3 Credits.**

This course is designed to explore changing geographies of production and consumption in theory and in practice.

**Grading status:** Letter grade.

**GEOG 464. Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe. 3 Credits.**

A survey by topic and country of Europe west of Russia. Those features that make Europe a distinct and important region today are emphasized. (Regional)

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GEOG 470. Political Ecology: Geographical Perspectives. 3 Credits.**

Examines foundational concepts and methods and their relevance for understanding nature-society relationships. Discussions on environmental change and conflict and how nature is bound up with relations of power and constructions of identity.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 477. Introduction to Remote Sensing of the Environment. 3 Credits.**

Covers fundamental theory and mechanics of remote sensing, related theoretical aspects of radiation and the environment, and remote-sensing applications relating to terrestrial, atmospheric, and marine environments. Hands-on experience for application and information extraction from satellite-based imagery through biweekly laboratory assignments. Prepares students for GEOG 577. (GISc)

**Requisites:** Prerequisite, GEOG 370.

**Grading status:** Letter grade.

**GEOG 480. Liberation Geographies: The Place, Politics, and Practice of Resistance. 3 Credits.**

An examination of the theory and history of resistance in the modern world, including instances of contestation from 'foot dragging' to the formation of social movements, and exploring the relationship between place and protest.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 481. Ethnographies of Globalization: An Upper-Level Research Design Class. 3 Credits.**

Examines critical perspectives on globalization through research interviews conducted by social scientists working on topics ranging from land reform in Brazil to international banking.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GEOG 491. Introduction to GIS. 3 Credits.**

Stresses the spatial analysis and modeling capabilities of organizing data within a geographic information system. (GISci)

**Requisites:** Prerequisite, GEOG 370; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** PLAN 491.

**GEOG 493. Internship. 3 Credits.**

Open to junior and senior geography majors. Geography internships combine substantive geographic work experience with an academic project designed to integrate theory and practice. Field work is included.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOG 541. GIS in Public Health. 3 Credits.**

Explores theory and application of geographic information systems (GIS) for public health. The course includes an overview of the principles of GIS in public health and practical experience in its use. (GISci)

**Grading status:** Letter grade.

**GEOG 542. Neighborhoods and Health. 3 Credits.**

This course explores how neighborhood context influences the health of the populations living in them. It includes a survey of neighborhoods and health theory and empirical examples. (GHA)

**Grading status:** Letter grade.

**GEOG 543. Qualitative Methods in Geography. 3 Credits.**

This course teaches qualitative methods in geography for graduate and advanced undergraduate students. We will cover interviews, focus groups, visual, and other methodologies. We will also discuss modes of analysis, coding, and writing up qualitative research for publication.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**GEOG 544. Geographic Information Systems for Impact Evaluation. 3 Credits.**

This is advanced course covers the theory and application of geographic information systems (GIS) for impact evaluation. The course includes an overview of the principles of GIS in impact evaluation and practical experience in its use. The practical component involves the use of desktop GIS software packages.

**Grading status:** Letter grade.

**GEOG 577. Advanced Remote Sensing. 3 Credits.**

Acquisition, processing, and analysis of satellite digital data for the mapping and characterization of land cover types. (GISci)

**Requisites:** Prerequisite, GEOG 370 or 477.

**Grading status:** Letter grade.

**GEOG 591. Applied Issues in Geographic Information Systems. 3 Credits.**

Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography. (GISci)

**Requisites:** Prerequisite, GEOG 370, 491, or equivalent.

**Grading status:** Letter grade.

**GEOG 592. Geographic Information Science Programming. 3 Credits.**

This course will teach students the elements of GISci software development using major GIS platforms. Students will modularly build a series of applications through the term, culminating in an integrated GIS applications program.

**Requisites:** Prerequisite, GEOG 370 or 491.

**Grading status:** Letter grade.

**GEOG 594. Global Positioning Systems and Applications. 3 Credits.**

Global Positioning Systems (GPS) fundamental theory, application design, post processing, integration of GPS data into GIS and GPS application examples (such as public health, business, etc.) will be introduced.

**Requisites:** Prerequisite, GEOG 370.

**Grading status:** Letter grade.

**GEOG 597. Ecological Modeling. 3 Credits.**

This course focuses on modeling the terrestrial forest ecosystems processes, including population dynamics, energy, water, nutrients, and carbon flow through the ecosystem. (GISci)

**Requisites:** Prerequisite, BIOL 561 or STOR 455; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GEOG 650. Technology and Democracy Research. 3 Credits.**

Are technological choices open to democratic participation? Through a novel research workshop format, this graduate and undergraduate course explores political and geographical dimensions of technological change around key environmental issues—energy, water, and waste.

**Gen Ed:** SS, CI, EE- Service Learning.

**Grading status:** Letter grade.

**GEOG 691H. Honors. 3 Credits.**

By permission of the department. Required of all students aspiring to honors in geography. Directed readings, research, and writing.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**GEOG 692H. Honors. 3 Credits.**

Required of all students aspiring to honors in geography. Preparation of a senior thesis.

**Requisites:** Prerequisite, GEOG 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**GEOG 697. Capstone Seminar in Geographic Research. 3 Credits.**

A systematic study of the approaches, key concepts, and methods of geography, emphasizing the application of these approaches through hands-on independent research designed and implemented by the students. (Core)

**Grading status:** Letter grade.

## Geography Major, B.A.

### Contact Information

**Department of Geography**

Visit Program Website (<http://geography.unc.edu>)

205 Carolina Hall, CB# 3220

(919) 962-8901

**Elizabeth A. Olson, Chair**

[eaolson@email.unc.edu](mailto:eaolson@email.unc.edu)

**Nina Martin, Director of Undergraduate Studies**

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**Nell Phillips, Undergraduate Program Administrator**

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Geography is the science of space, place, and environment. The department offers classes spanning the social and natural sciences and offering students training in qualitative, quantitative, spatial analysis and modelling, and lab methodologies. Human geographers study the spatial aspects of human activity, and physical geographers study patterns of climate, land forms, soils, and water. Geographic tools and techniques—including Geographic Information Systems, remote sensing, and online and interactive mapping technologies—are among the most important for exploring and understanding our complex world. Geographic inquiry is global and local, inherently interdisciplinary, and offers skills that enable insights into pressing issues valued by employers and policy makers.

Career opportunities for geographers are wide ranging in the public, private, and nongovernmental sectors. Geographers work in the areas of social, health, and environmental policy; energy, transportation, economic development, and tourism planning; urban and regional planning; research and education; community development; resource management; and environmental regulation and modeling.



With geography you can explore the world and find yourself.

## Department Programs

### Major

- Geography Major, B.A. (p. 524)

### Minor

- Geography Minor (p. 529)

### Graduate Programs

- M.A. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography>)
- Ph.D. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography>)

## Student Learning Outcomes

Upon completion of the geography program, students should be able to:

- Apply current research methods in geography
- Construct a coherent, logical research approach to examine a question of geographic significance
- Analyze a geographic landscape and discuss the human and physical influences that have helped create it
- Report satisfaction with the geography major

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
or GEOG 111	Weather and Climate	
One of the following:		3
GEOG 120	World Regional Geography	
GEOG 121	Geographies of Globalization	
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	
GEOG 370	Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 392	Research Methods in Geography	3
GEOG 697	Capstone Seminar in Geographic Research <sup>1</sup>	3
Four GEOG elective courses, at least three of which must be at the 400-level or above.		12
<b>Total Hours</b>		<b>30</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students wishing to pursue honors in geography are recommended to take the GEOG 697 in the spring of the junior year as preparation for the honors thesis (GEOG 691H and GEOG 692H).

Students are invited (but not required) to navigate through the major using a pathway, which reflects various subfields of geography (for example, urban geography, health geography, climate, international development, social and cultural geography). Students should refer to the full list of pathways below.

All General Education requirements apply. Although the major requires a total of 10 geography courses (30 credit hours), a maximum of 15 geography courses (45 credit hours) can count toward the 120 hours required to graduate. Students wishing more information should consult the director of undergraduate studies.

Geography (GEOG) course descriptions (p. 517).

### Urban Development and Planning Pathway

For the first time in human history over half of the world's population lives in cities. This presents a monumental challenge to politicians, urban planners, and citizens to build sustainable, just, and livable urban spaces. A background in urban geography prepares you for one of the many careers devoted to improving cities and settlements around the globe.

Code	Title	Hours
<b>Core Classes</b>		
GEOG 228	Urban Geography	3
GEOG 423	Social Geography	3
GEOG 428	Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 429	Urban Political Geography: Durham, NC	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3
GEOG 542	Neighborhoods and Health	3
<b>Methods and Research</b>		
GEOG 391	Quantitative Methods in Geography <sup>1</sup>	3
GEOG 392	Research Methods in Geography <sup>1</sup>	3
GEOG 491	Introduction to GIS <sup>1</sup>	3
GEOG 591	Applied Issues in Geographic Information Systems <sup>1</sup>	3
GEOG 697	Capstone Seminar in Geographic Research <sup>2</sup>	3

<sup>1</sup> Qualitative, quantitative, and GIS skills.

<sup>2</sup> Research opportunities.

Pursuing a minor in urban studies and planning (p. 341) may also be of interest.

There are career opportunities in city planning, architecture, real estate development, policy analysis, community development, or civil engineering.



## Diversity and Justice Pathway

How do the places, spaces, and environments that we inhabit reinforce structures of oppression or create the potential for liberation? Social movements and activists have created spatial theories and strategies to change the world: by occupying public space or by fighting for the protection of sacred lands. In our classes, you will learn how power flows through space; that all politics unfolds in places; that everyday life is political; and that environmental issues are connected to social justice. You will also learn tools including mapping technologies, remote sensing, oral histories, and interviews.

Code	Title	Hours
<b>Building Blocks</b>		
GEOG 56	First-Year Seminar: Local Places in a Globalizing World	3
GEOG 67	First-Year Seminar: Politics of Everyday Life	3
GEOG 225	Space, Place, and Difference	3
GEOG 228	Urban Geography	3
<b>Advanced Courses</b>		
GEOG 212	Environmental Conservation and Global Change	3
GEOG 232	Agriculture, Food, and Society	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 470	Political Ecology: Geographical Perspectives	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3
GEOG 650	Technology and Democracy Research	3
<b>Methods</b>		
GEOG 491	Introduction to GIS	3
GEOG 541	GIS in Public Health	3
GEOG 543	Qualitative Methods in Geography	3
GEOG 591	Applied Issues in Geographic Information Systems	3
<b>Climatology Pathway</b>		
The emphasis of this pathway is on developing an understanding of the Earth's climate system, the impacts of climate on environmental and human sectors, and in gaining quantitative skills that can be used to analyze climate and weather.		
<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Core Classes</b>		
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	Climate Change	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
<b>Geography Methods and Skills</b>		
GEOG 391	Quantitative Methods in Geography	3
GEOG 410	Modeling of Environmental Systems	3
GEOG 477	Introduction to Remote Sensing of the Environment	3
<b>Complimentary Methods and Skills</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3

PHYS 104 & PHYS 105	General Physics I and General Physics II	8
PHYS 116 & PHYS 117	Mechanics and Electromagnetism and Optics <sup>H</sup>	8
STOR 151	Introduction to Data Analysis	3
or STOR 155	Introduction to Data Models and Inference	
COMP 110	Introduction to Programming <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Climate science has growing career opportunities due to renewed interest in current and future climate change. This pathway will position students for non-profit, governmental, and private environmental jobs, as well as for advanced study in climatology.

## International Development and Globalization Pathway

The international development and globalization pathway will prepare students with the practical tools and intellectual framework to become participants and leaders in the world of international development. Students might continue their studies in graduate school, work for an international non-governmental organization, pursue a career in diplomacy, or work with social movements.

Code	Title	Hours
<b>Building Block Courses</b>		
GEOG 120	World Regional Geography	3
GEOG 121	Geographies of Globalization	3
GEOG 123	Cultural Geography	3
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	3
<b>Region Specific</b>		
GEOG 259	Geography of Latin America	3
GEOG 265	Eastern Asia	3
GEOG 266	People and Environment in Southeast Asia	3
GEOG 267	South Asia	3
GEOG 268	Geography of Africa	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
<b>Advanced Concepts</b>		
GEOG 423	Social Geography	3
GEOG 428	Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 453	Political Geography	3
GEOG 460	Geographies of Economic Change	3
GEOG 470	Political Ecology: Geographical Perspectives	3
<b>Contemporary Issues</b>		
GEOG/GLBL 210	Global Issues and Globalization	3
GEOG 435	Environmental Politics	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3

GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3
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H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## GIScience

Geographic information science (GIScience) emphasizes geographic information technologies, their real-world applications, and the science and technology underlying them. These technologies include geographic information systems (GIS), satellite remote sensing, global positioning systems, computer cartography, terrain analysis, and geospatial visualization. These skills are in high demand, giving students a competitive edge to pursue careers in the private, public, and non-profit sectors.

Code	Title	Hours
<b>GIScience Courses</b>		
GEOG 370	Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 410	Modeling of Environmental Systems	3
GEOG 477	Introduction to Remote Sensing of the Environment	3
GEOG 541	GIS in Public Health	3
GEOG 577	Advanced Remote Sensing	3
GEOG 591	Applied Issues in Geographic Information Systems	3
GEOG 592	Geographic Information Science Programming	3
GEOG 594	Global Positioning Systems and Applications	3
GEOG 597	Ecological Modeling	3
<b>Courses Outside of Geography</b>		
COMP 116	Introduction to Scientific Programming	3
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 410	Data Structures	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 577	Linear Algebra	3
ENVR/ENEC 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Geography of Health and Disease

Health geography takes a socio-ecological approach, rather than a biomedical approach to understanding the occurrence of human disease and wellbeing. This is a highly integrated field, requiring knowledge of social systems, environmental systems, and the etiology and ecology of disease. In addition, geospatial technologies such as geographic information systems, satellite remote sensing, and geographic analysis are powerful tools in the study and management of human diseases. This pathway will prepare students for a career in the spatial, social, and ecological dimensions of public health, as well as for graduate school in the spatial health sciences.

Code	Title	Hours
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### Health Courses in Geography

GEOG 60	First-Year Seminar: Health Care Inequalities	3
GEOG 222	Health and Medical Geography	3
GEOG 446	Geography of Health Care Delivery	3
GEOG 451	Population, Development, and the Environment	3
GEOG 542	Neighborhoods and Health	3

### Geography Methods & Skills

GEOG 232	Agriculture, Food, and Society	3
GEOG 269	Human-Environment Interactions in the Galapagos Islands	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 410	Modeling of Environmental Systems	3
GEOG 451	Population, Development, and the Environment	3

### Classes Outside Geography

ANTH 319	Global Health	3
BIOL 101	Principles of Biology <sup>H</sup>	3
SOCI 121	Population Problems	3
SOCI 172	Introduction to Population Health in the United States	3
STOR 151	Introduction to Data Analysis	3
STOR 155	Introduction to Data Models and Inference	3
STOR 358	Sample Survey Methodology	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Political Ecology

Political ecologists study the reciprocal and dynamic relations between society and nature. How do markets, social relations, and populations influence resource governance practices and vice versa? Whose voices and ideas count in the creation of protected areas, or in the decisions about where toxic waste and trash are deposited? When and how do decision makers or community members mobilize scientific knowledge to pursue environmental and ethical commitments? The political ecology pathway in geography offers a cross-disciplinary approach for answering such questions and, more broadly, for studying the relationship between the economy, politics, and ecology.

Code	Title	Hours
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### Core Courses

GEOG 141	Geography for Future Leaders	3
GEOG 212	Environmental Conservation and Global Change	3
GEOG 232	Agriculture, Food, and Society	3
GEOG 414	Climate Change	3
GEOG 435	Environmental Politics	3
GEOG 470	Political Ecology: Geographical Perspectives	3

### Methods and Skills<sup>1</sup>

GEOG 370	Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 392	Research Methods in Geography	3
GEOG 222	Health and Medical Geography	3

### Classes Outside of Geography

ANTH 139	Ecological Anthropology	3
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ANTH 151	Anthropological Perspectives on Food and Culture	3
ANTH/NUTR 175	Introduction to Food Studies: From Science to Society	3
ANTH 238	Human Ecology of Africa	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
ANTH 320	Anthropology of Development	3

<sup>1</sup> More advanced quantitative and GIS courses are very useful to students wishing to pursue professional paths in this field.

## Culture, Society, and Space

How are our identities, experiences, and daily practices shaped by the places that we live in? How do we transform our environments to reflect who we are? These questions underpin key debates about culture and society today. Cultural and social geographers study the relationships among culture, society, space, and place. Their research examines the dynamic geography of cultural and societal change due to, for example, migration, technological developments, or religious movements. The culture, society, and space pathway in geography prepares students for work in international NGOs and the public and private sectors, specializing in cultural and social issues, as well as training students for graduate school in the social sciences and humanities.

Code	Title	Hours
<b>Core Courses</b>		
GEOG 120	World Regional Geography	3
GEOG 121	Geographies of Globalization	3
GEOG 123	Cultural Geography	3
GEOG 124	Gender and Place: Feminist Geographies	3
GEOG 125	Cultural Landscapes	3
GEOG 225	Space, Place, and Difference	3
GEOG 423	Social Geography	3
GEOG 424	Geographies of Religion	3
GEOG 428	Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 481	Ethnographies of Globalization: An Upper-Level Research Design Class	3
<b>Methods and Skills</b>		
GEOG 115	Maps: Geographic Information from Babylon to Google	3
GEOG 370	Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 392	Research Methods in Geography	3
<b>Classes Outside Geography</b>		
ANTH 102	Introduction to Cultural Anthropology	3
ANTH 120	Anthropology through Expressive Cultures	3
ANTH 259	Culture and Identity	3
ANTH 428	Religion and Anthropology <sup>H</sup>	3
COMM 140	Introduction to Media History, Theory, and Criticism <sup>H</sup>	3
COMM 450	Media and Popular Culture	3

HIST 202	Borders and Crossings	3
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Geography

### Joint Degree Program with the National University of Singapore (NUS)

The Department of Geography is one of several departments offering a joint degree in conjunction with the National University of Singapore (NUS). Students in the program will spend one or two years studying geography at NUS, and their diploma will be jointly granted by both universities.

### Honors in Geography

Qualifying students are encouraged to pursue an honors degree. To gain admission to the honors program students must have a cumulative grade point average of 3.3 or higher and a grade point average of 3.4 or higher in geography courses. Honors students take GEOG 691H and GEOG 692H (honors readings and research and theses hours) with their honors thesis chair in their senior year. Honors study involves the completion of a substantial piece of original research and the formal presentation of the results in an honors thesis and oral defense. Those who successfully complete the program are awarded their B.A. degree with either honors or highest honors in geography.

### Departmental Involvement

All students are welcomed and encouraged to attend the department's seminar, held on most Friday afternoons at 3:35 p.m. in Carolina Hall 220. The department sponsors the Carolina Geography Club, which provides an avenue for student involvement with the department outside of course work (see the club's Facebook page). Students can also interact with the department through service on the faculty undergraduate committee and through independent research with faculty.

### Experiential Education

The department offers several experiential education courses:

Code	Title	Hours
GEOG 53	First-Year Seminar: Battle Park: Carolina's Urban Forest	3
GEOG 419	Field Methods in Physical Geography	3
GEOG 429	Urban Political Geography: Durham, NC	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 493	Internship	3
GEOG 650	Technology and Democracy Research	3
GEOG 691H	Honors	3
GEOG 692H	Honors	3

### Internship

Students can gain course credit by interning with an organization, agency, or business that will augment their classroom learning. The department has an internship coordinator available to assist students find internships and to manage participation in the organization's activities. Internship can be taken with a geography faculty member for academic credit through GEOG 493.

## Independent Study

Independent study with a geography faculty member can be taken for academic credit through GEOG 296. Students are responsible for arranging their independent study with a faculty member who will sponsor them for this activity. Students must fill out a learning contract and syllabus in collaboration with the sponsoring faculty member and then be enrolled by Nell Phillips in the department office. For more information, contact the individual faculty member or the director of undergraduate studies.

## Undergraduate Research

Research with a geography faculty member can be taken for academic credit through GEOG 295. Students are responsible for arranging their research activities and responsibilities with a faculty member who will sponsor them for this activity. Students must fill out a learning contract with the sponsoring faculty member and then be enrolled by Nell Phillips in the department office.

## Study Abroad

Experiences with other cultures and environments are important to a sound background in geography, and thus the department encourages a study abroad experience. Many of our students study abroad in the Galapagos Islands at the Galapagos Science Center. The department also participates in a junior-year exchange program with King's College London. Many other study abroad programs combine well with a major in geography.

## Undergraduate Awards

The Andrew McNally Award is given each spring to an outstanding graduating geography major, as chosen by a committee of the faculty. The department also administers the Melinda Meade Award for Excellence in Undergraduate Geographic Research, the John D. Eyre Service in Geography Award, as well as the John D. Eyre Travel Award, and the Burgess McSwain Travel America Fund, which are open to all undergraduates at UNC–Chapel Hill.

# Geography Minor

## Contact Information

### Department of Geography

Visit Program Website (<http://geography.unc.edu>)  
205 Carolina Hall, CB# 3220  
(919) 962-8901

### Elizabeth A. Olson, Chair

[eaolson@email.unc.edu](mailto:eaolson@email.unc.edu)

### Nina Martin, Director of Undergraduate Studies

[ninam@email.unc.edu](mailto:ninam@email.unc.edu)

### Nell Phillips, Undergraduate Program Administrator

[nphillip@email.unc.edu](mailto:nphillip@email.unc.edu)

Geography is the science of space, place, and environment. The department offers classes spanning the social and natural sciences and offering students training in qualitative, quantitative, spatial analysis and modelling, and lab methodologies. Geography minors have the opportunity to augment their major by adding a spatial perspective to the big questions of how, where, and why we live the way we do, in the world that we all share.

The geography minor pairs well with majors in the humanities, social, and natural sciences. Common majors include anthropology, biology, environment and ecology, environmental sciences and engineering, global studies, peace, war, and defense, political science, and public policy.

## Department Programs

### Major

- Geography Major, B.A. (p. 524)

### Minor

- Geography Minor (p. 529)

### Graduate Programs

- M.A. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography>)
- Ph.D. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

To minor requires five geography courses.

Code	Title	Hours
<b>Core Requirements</b>		
Any two core courses:		6
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	
GEOG 111	Weather and Climate	
GEOG 120	World Regional Geography	
GEOG 121	Geographies of Globalization	
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	
GEOG 370	Introduction to Geographic Information	
GEOG 697	Capstone Seminar in Geographic Research	
Three GEOG elective courses		9
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Elective courses may be any on the departmental list (p. 517), but students are encouraged to take higher-numbered courses. Students wishing more information should consult their academic advisor or the geography director of undergraduate studies.

See the program page here (p. 528) for special opportunities.

# DEPARTMENT OF GEOLOGICAL SCIENCES

## Contact Information

### Department of Geological Sciences

Visit Program Website (<http://www.geosci.unc.edu>)  
104 South Road, Mitchell Hall, CB# 3315  
(919) 966-4516

**Jonathan Lees, Chair**

**Kevin Stewart, Director of Undergraduate Studies**

[kgstewart@email.unc.edu](mailto:kgstewart@email.unc.edu)

**Deborah Harris, Student Services Manager**

[djharris@email.unc.edu](mailto:djharris@email.unc.edu)

## Introduction

The study of earth's dynamic systems is a field that has seen major advances over the last few decades. Geologists investigate diverse systems that play a large role in controlling the environment at the earth's surface. Examples include earthquakes, volcanoes, glaciers, landslides, rivers, and shorelines. Earth processes play a critical role in making our planet habitable, and geologists are constantly in demand to guide communities and nations in their search for resources such as clean drinking water and extractable energy and minerals, or in decisions regarding development in fragile coastal regions or in seismically active areas. The Department of Geological Sciences provides students with a solid training in earth science so that they can advance in highly satisfying careers as professional geologists.

Most students planning to do graduate work or to become professional geologists should follow the B.S. program. However, the flexibility of the B.A. program may be advantageous to students with interest in, for example, environmental studies, education, or law.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointment. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site.

## Facilities

The Department of Geological Sciences houses several laboratory facilities that are available for undergraduate students to use for research. Many students are introduced to the laboratory facilities through coursework. Laboratories include

1. two thermal ionization mass spectrometers for isotope and geochronology research;
2. an ICP mass spectrometer with both solution and laser ablation sources;

3. a scanning electron microscope laboratory for image analysis, element mapping, and semi-quantitative chemical analysis;
4. an X-ray fluorescence spectrometer for chemical analysis of geological materials;
5. a plasma mass spectrometer for analysis of major and minor elements in sample solution;
6. an X-ray diffractometer for rapid mineral identification;
7. equipment for geophysical research and imaging, including portable broadband seismic stations, infrasonic microphones, and a gravimeter;
8. a sediment analysis laboratory including a coulometer, settling tube, and laser particle size counter;
9. chemical and counting laboratories for quantifying natural and artificial radioactivity at environmental levels;
10. a paleoclimate/paleoecology laboratory equipped for high-resolution microsampling of carbonate samples for geochemical analysis.

## Graduate School and Career Opportunities

Geologists commonly are employed by private industry, public and private schools, colleges and universities, and consulting firms (e.g., hydrology, environmental geology, engineering geology, petroleum geology, and mineral exploration). Geology graduates also can find jobs with federal or state geological surveys or with other federal/state environmental or energy firms. Some federal/state agencies prefer geologists with at least a master's degree. A doctoral degree usually is required for employment at colleges and universities.

### Majors

- Geological Sciences Major, B.A.—Earth Science (p. 537)
- Geological Sciences Major, B.S.—Earth Science (p. 539)
- Geological Sciences Major, B.S.—Environmental Geoscience (p. 541)

### Minor

- Geological Sciences Minor (p. 544)

### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)

## Professors

Larry K. Benninger, Drew S. Coleman, Allen F. Glazner, Jonathan Lees, José A. Rial, Donna Surge.

## Associate Professors

Laura Moore, Tamlin M. Pavelsky, Kevin G. Stewart.

## Assistant Professor

Xiaoming Liu.

## Affiliated Faculty

John M. Bane Jr., Christopher S. Martens.



## Adjunct Professor

Alan Boudreau.

## Adjunct Associate Professor

Antonio B. Rodriguez.

## Adjunct Assistant Professors

Julia Barzyk, Michael Shore.

## Research Assistant Professors

C. Berk Biryol, Evan B. Goldstein.

## Teaching Assistant Professors

Joel Hudley, Megan Plenge.

## GEOL—Geological Sciences

### Undergraduate-level Courses

**GEOL 70. First-Year Seminar: One Billion Years of Change: The Geologic Story of North Carolina. 3 Credits.**

A field-based course focused on the geologic story of North Carolina. Includes local field trips and weekend trips to the coast and mountains  
**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 71. First-Year Seminar: Bones Back to Life. 3 Credits.**

Get hands-on experience with the reconstruction of vertebrate fossils. Learn the paleontology of the Carolinas and beyond.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 72H. First-Year Seminar: Field Geology of Eastern California. 3 Credits.**

This seminar provides a hands-on introduction to active geologic and environmental processes in eastern California, including active volcanoes, earthquake-producing faults, and extreme climate change.

**Gen Ed:** PL, EE- Field Work.

**Grading status:** Letter grade.

**GEOL 73. First-Year Seminar: Global Warming and the Future of the Planet. 3 Credits.**

Global warming is the most important environmental problem of the 21st century. This seminar explores geologic history of global warming, its physical principles, and prospects for future societies.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 74. First-Year Seminar: Geology of Climate Change. 3 Credits.**

Examination of the problem of natural versus human-induced climate change from the perspective of the geologic record of earth history. Field trips to coast, Piedmont, and Blue Ridge.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 75. First-Year Seminar: Waste in the Environment. 3 Credits.**

Origins and effects of waste in the environment. Introduces natural wastes and ecosystem recycling, but focuses on case studies of generation, environmental impacts, and remediation of anthropogenic wastes.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 76. First-Year Seminar: Energy Resources for a Hungry Planet. 3 Credits.**

Discussions are centered on the most pressing issues of our time: environmental deterioration and construction of a sustainable (livable) world during and after the depletion of traditional energy resources.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 77. First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence. 3 Credits.**

Volcanoes provide a breathable atmosphere, a habitable climate, and precious ores, but they have the potential to destroy civilization. This seminar will explore the uneasy coexistence of volcanoes and civilization.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 79. First-Year Seminar: Coasts in Crisis. 3 Credits.**

An investigation of the geologic evolution and function of coastal environments, the recent effects of coastal development and engineering, and an examination of existing coastal management strategies and the tensions between coastal development and the desire to preserve natural environments.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOL 101. Planet Earth. 3 Credits.**

Major geologic events: earthquakes, volcanic activity, mountain formation, plate tectonics, and erosion. Landscape development by glaciers, streams and groundwater, ocean currents and waves, wind. Not open to students with credit in GEOL 105, 109, or 110. Optional laboratory: GEOL 101L. PX credit for GEOL 101+101L.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**GEOL 101L. Planet Earth Laboratory. 1 Credit.**

Study of common minerals and rocks. Use of topographic and geologic maps to illustrate geologic processes. Two laboratory hours a week.

**Requisites:** Pre- or corequisite, GEOL 101, 159, 200, or 201.

**Grading status:** Letter grade.

**GEOL 103. The Marine Environment. 3 Credits.**

Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. Science majors should take MASC 401. Students may not receive credit for both MASC 101 and MASC 401.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 101.

**GEOL 108. Our Energy and Climate Crises: Challenges and Opportunities. 4 Credits.**

Students quantify global depletion of energy resources and accompanying environmental degradation, discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.

**Gen Ed:** PL, GL, PX, GL.

**Grading status:** Letter grade

**Same as:** MASC 108, PHYS 108.

**GEOL 159. Prehistoric Life. 3 Credits.**

Fossils and the origin and evolution of life, including micro- and macroevolution, mass extinctions, the evolution of dinosaurs and humans, and scientific perspectives on multicultural creationism.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** BIOL 159.

**GEOL 190. Special Topics in Geological Sciences at an Introductory Level. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in geological sciences. This course does not count as a credit towards geological sciences majors.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOL 200. The Solid Earth. 3 Credits.**

An introduction to the solid earth, and with GEOL 201 is an overview of earth systems for students continuing in geological, environmental, and other sciences. Topics include synthesis of the elements, formation of the solar system and earth, plate tectonics, earth materials, internal energy, magnetism, geochemical cycles, and earth resources.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 201. Earth's Surface: Processes, Landforms, and History. 3 Credits.**

This course focuses on the biological, chemical, and physical processes that shape the surface of the earth. Major points of emphasis will include earth's climate, the global water cycle, geomorphic processes and the landforms they create, sedimentology and depositional environments, and elements of earth history recorded by earth surface processes.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 202. Earth Systems History. 3 Credits.**

Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. History of the earth (including its oceans, atmosphere, and life forms) as deciphered from the geologic record. Birth of continents/oceans; evolution and extinction of life forms; the changing global environment.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 221. Geology of North America. 3 Credits.**

Required preparation, one geology course numbered below GEOL 202. General introduction to the geologic evolution of North America through intensive study of a particular region. Includes mandatory Spring Break field trip.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**GEOL 223. Geology of Beaches and Coasts. 3 Credits.**

Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. Introduction to coastal processes, including waves, tidal currents, tectonics, climate, and human activity, and their influence on barrier islands, beaches, dunes, marshes, and estuaries. Involves a field trip to the Outer Banks of North Carolina.

**Grading status:** Letter grade

**Same as:** MASC 223.

**GEOL 234. Marine Carbonate Environments. 2 Credits.**

Permission of the instructor. Chemical and biological origins of calcium carbonate, skeletal structure, and chemo-mineralogy, preservation, sedimentation, and early diagenesis are studied in deep and shallow environmental settings to understand skeletal genesis, limestone origin, and carbonate facies variability. Field trip to Florida, Bahamas, or Bermuda. Laboratory exercises; research report. Previously offered as GEOL 434.

**Gen Ed:** PL, EE- Field Work.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOL 301. Earth Materials: Minerals. 4 Credits.**

Minerals in sedimentary, igneous, and metamorphic environments: their properties, occurrence, and uses. Methods of identifying minerals, including use of optical properties. Three lecture and three laboratory hours a week.

**Requisites:** Prerequisite, GEOL 200; pre- or corequisite, CHEM 101; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GEOL 302. Structural Geology. 4 Credits.**

Introduction to the mechanical behavior and dynamic evolution of the earth's crust through the study of deformed rocks. Previously offered as GEOL 401.

**Requisites:** Prerequisite, GEOL 101 or 200.

**Grading status:** Letter grade.

**GEOL 303. Sedimentology and Stratigraphy. 4 Credits.**

Introduction of principles involved in description and classification of sedimentary rocks and stratigraphic units as well as stratigraphic correlation. Students will be introduced to relationships of processes, depositional environments, and sedimentary facies. Previously offered as GEOL 402.

**Requisites:** Prerequisites, GEOL 200 and 201; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GEOL 304. Petrology and Plate Tectonics. 4 Credits.**

Studies of the origin and evolution of igneous and metamorphic rocks, including microscopic, X-ray, and field methods; volcanology; plate-tectonic interpretation of rock sequences. Three lecture and three laboratory hours a week. Previously offered as GEOL 404.

**Requisites:** Prerequisite, GEOL 200 and 301; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GEOL 310. Coastal Environmental Change. 3 Credits.**

An exploration of the large-scale evolution of coastal environments, including relevance of geologic setting, wave and sediment transport processes, the evolution of beach and barrier island morphology, and issues of coastal environmental management.

**Requisites:** Prerequisite, GEOL 101 or MASC 101 or MASC 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** ENEC 310, MASC 316.

**GEOL 315. Energy Resources. 3 Credits.**

Required preparation, one geology course numbered below GEOL 202 or ENEC below 203, except first-year seminar. Considers the distribution, extraction, economics, and demand for mineral resources. Treats the impact of the mineral industry on industrial and preindustrial economies, economic factors, maldistribution and depletion of resources, and the environmental impact of the mineral extraction industry. Previously offered as GEOL 215.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**GEOL 324. Water in Our World: Introduction to Hydrologic Science and Environmental Problems. 3 Credits.**

This introductory course will cover two broad themes: the physical processes of the hydrologic cycle and how human use (and abuse) of freshwater resources can lead to major environmental problems. PX credit for ENEC/GEOL 324 + 324L. PL credit for ENEC/GEOL 324.

**Gen Ed:** PX.

**Grading status:** Letter grade

**Same as:** ENEC 324.

**GEOL 324L. Water in Our World Laboratory. 1 Credit.**

Students will conduct laboratory and field experiments to reinforce the topics covered in ENEC/GEOL 324. PX credit for ENEC/GEOL 324 + 324L.

**Requisites:** Pre- or corequisite, ENEC/GEOL 324.

**Grading status:** Letter grade

**Same as:** ENEC 324L.

**GEOL 390. Special Topics in Geology. 1-4 Credits.**

Permission of the department. Topics and instructors vary from semester to semester. Course may be repeated.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GEOL 390H. Special Topics in Geology. 1-4 Credits.**

Permission of the department. Topics and instructors vary from semester to semester. Course may be repeated.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GEOL 395. Undergraduate Research in Geology. 1-4 Credits.**

Permission of the instructor. Research in geology under the supervision of a selected instructor. Approved learning contract required. May be repeated up to four times for a maximum of 12 credits.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GEOL 396. Independent Study in Geology. 1-4 Credits.**

Permission of the instructor. Independent study under the supervision of a selected instructor. Learning contract required. May be repeated up to four times for a maximum of 12 credits.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****GEOL 403. Oceanography. 3 Credits.**

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. Students may not receive credit for both MASC 101 and MASC 401.

**Grading status:** Letter grade

**Same as:** MASC 401, BIOL 350, ENVR 417.

**GEOL 405. Geochemistry. 3 Credits.**

Required preparation, one introductory geology course. Introduction to the application of chemical principles to geological problems. Topics include thermodynamics, kinetics, and isotope geochemistry. Previously offered as GEOL 512/MASC 553.

**Requisites:** Prerequisites, CHEM 102 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** MASC 455.

**GEOL 406. Introduction to Geophysics. 3 Credits.**

Introduction to the fundamentals of global geophysics: gravity, seismology, magnetism, heat, and plate tectonics. Both shallow and deep processes are considered. Emphasis is aimed at problem solving by applying concepts. Previously offered as GEOL 515.

**Requisites:** Prerequisites, PHYS 114, 116, or 118, and 115, 117, or 119.

**Grading status:** Letter grade.

**GEOL 410. Earth Processes in Environmental Systems. 4 Credits.**

Principles of geological and related Earth systems sciences are applied to analyses of environmental phenomena. The link between the lithosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, CHEM 102, GEOL 200, MATH 231, and PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENEC 410, MASC 410.

**GEOL 411. Oceanic Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the ocean, coast, and estuarine environments and the processes that control these environments are applied to the analysis of environmental phenomena. Case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, BIOL 101, CHEM 102, ENEC 222, MATH 231, PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENEC 411, MASC 411.

**GEOL 412. Principles and Methods of Teaching Earth Science. 4 Credits.**

Required preparation, any introductory geology course. This course develops the knowledge and skills teachers need to implement inquiry-based earth science instruction: conceptual knowledge of earth sciences and mastery of inquiry instructional methods. Students study inquiry in cognitive science and learning theory. This course is a requirement for the UNC-BEST program in geological sciences.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**GEOL 415. Environmental Systems Modeling. 3 Credits.**

This course explores principles and strategies for studying environmental phenomena, and presents methods for developing explanatory and predictive models of environmental systems, e.g., predator-prey, estuaries, greenhouse gases, and ecosystem material cycles.

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, PHYS 115 or 118, and COMP 116.

**Grading status:** Letter grade

**Same as:** ENEC 415, MASC 415.

**GEOL 417. Geomorphology. 3 Credits.**

Introduction to process geomorphology with emphasis on quantitative interpretation of weathering, hill slope, fluvial, glacial, and eolian processes from topography and landscapes.

**Requisites:** Prerequisites, GEOL 101, 200, or 201; and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENEC 417.

**GEOL 417L. Geomorphology Laboratory. 1 Credit.**

Two laboratory hours per week.

**Requisites:** Pre- or corequisite, GEOL 417.

**Grading status:** Letter grade.

**GEOL 421. Archaeological Geology. 3 Credits.**

Permission of the instructor. The application of geological principles and techniques to the solution of archaeological problems. Studies geological processes and deposits pertinent to archaeological sites, geologic framework of archaeology in the southeastern United States, and techniques of archaeological geology. Field trips to three or more sites; written reports required.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** ANTH 421.

**GEOL 422. Physics of the Earth's Interior. 3 Credits.**

Origin of the solar system: the nebular hypothesis. Evolution of the earth and its accretionary history. Earthquakes: plate tectonics and the interior of the earth. The earth's magnetic field. Mantle convection.

**Requisites:** Prerequisites, MATH 383, and either PHYS 201 and 211 or 311 and 401.

**Grading status:** Letter grade

**Same as:** PHYS 422.

**GEOL 425. Introduction to Field Geology. 3 Credits.**

Introduction to geologic field methods. Includes making observations, mapping, identification of structures and features, and interpretation to solve basic geologic problems. Many field trips. Previously offered as GEOL 225.

**Requisites:** Prerequisites, GEOL 302, 303, and 304; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**GEOL 432. Paleoclimatology. 3 Credits.**

Introduction to mechanisms that drive climate. Examination of past climate reconstructions using ecological and geochemical proxies. Utility of computer models to reconstruct past climates and predict future climate change. Emphasis placed on late Quaternary.

**Requisites:** Prerequisite, GEOL 202 or 303; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GEOL 433. Paleooceanography. 3 Credits.**

Origin and distribution of pelagic sediments. Review of the major Mesozoic and Cenozoic events in the world oceans. Glacial/interglacial changes in the ocean/atmosphere system.

**Requisites:** Prerequisite, GEOL 303 or 503; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GEOL 435. Groundwater. 3 Credits.**

Required preparation, one introductory geology course. Introduction to physics, chemistry, and geology of groundwater. Previously offered as GEOL 509.

**Requisites:** Prerequisites, CHEM 102; MATH 231; PHYS 104 or 114 or 116; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**GEOL 436. Geochemistry of Natural Waters. 3 Credits.**

Required preparation, one introductory geology course. Survey of processes affecting the compositions of streams, lakes, the ocean, and shallow ground waters. Previously offered as GEOL 510.

**Requisites:** Prerequisites, CHEM 102 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**GEOL 440. Principles of Seismology. 3 Credits.**

Descriptive account of global seismology, earthquake distribution, and focal mechanics. Principles of geometrical optics and applications to imaging the earth's interior. Principles of seismic prospecting of hydrocarbon and geothermal reservoirs.

**Requisites:** Prerequisites, GEOL 200, 302; MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GEOL 450. Biogeochemical Processes. 4 Credits.**

Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, MATH 231, and PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** ENEC 450, MASC 450.

**GEOL 460. Fluid Dynamics of the Environment. 3 Credits.**

Principles and applications of fluid dynamics to flows of air and water in the natural environment. Conservation of momentum, mass, and energy applied to lakes, rivers, estuaries, and the coastal ocean. Dimensional analysis and scaling emphasized to promote problem-solving skills.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**GEOL 480. Modeling of Marine and Earth Systems. 1-3 Credits.**

Mathematical modeling of dynamic systems, linear and nonlinear. The fundamental budget equation. Case studies in modeling transport, biogeochemical processes, population dynamics. Analytical and numerical techniques; chaos theory; fractal geometry.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MASC 480, ENVR 480.



**GEOL 483. Geologic and Oceanographic Applications of Geographical Information Systems. 4 Credits.**

Required preparation, four GEOL courses or permission of the instructor. Focus is on applying GIS concepts and techniques to mining and petroleum geology, resource assessment, hydrogeology, coastal and marine geology, physical oceanography, engineering geology, and a geologic perspective on land use. Three lecture and two laboratory hours a week.

**Grading status:** Letter grade

**Same as:** MASC 483.

**GEOL 485. Summer Field Course in Geology. 3 Credits.**

Three-week field camp conducted in the western United States (Arizona, California, Colorado, Nevada, New Mexico, and/or Utah). Learn proper use of geology field tools and how to make a geologic map. Field interpretation of rocks and their deformation. Previously offered as GEOL 601.

**Requisites:** Prerequisites, GEOL 302, 303, and 304; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**GEOL 486. Summer Field Course in Geology. 3 Credits.**

Three-week field camp conducted in the western United States (Arizona, California, Colorado, Nevada, New Mexico, and/or Utah). Learn advanced mapping skills necessary to interpret geologic history of complexly deformed rocks. Previously offered as GEOL 602.

**Requisites:** Prerequisites, GEOL 302, 303, and 304; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**GEOL 490. Topics in Earth and Environmental Sciences. 3 Credits.**

Key topics and resources for high school teachers preparing to teach earth and environmental sciences. Includes lithosphere, tectonic processes, hydrosphere, atmosphere, origin of solar system and life, and environmental stewardship.

**Grading status:** Letter grade.

**GEOL 501. Geological Research Techniques. 3 Credits.**

Permission of the instructor. Theory and practice of analytical methods in geochemistry including X-ray diffraction, X-ray fluorescence, and scanning electron microscopy; introduction to electronics.

**Grading status:** Letter grade.

**GEOL 502. Earth Surface Processes. 3 Credits.**

This course will focus on the processes of soil formation, erosion, and landform evolution with an emphasis on the interaction of geomorphic processes with surface hydrology and ecosystems. (EES)

**Requisites:** Prerequisite, GEOG 110.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOG 440.

**GEOL 503. Marine Geology. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Investigates formation of the oceans, plate tectonics, carbonate reefs and platforms, sediment transport from the land to deep-sea fans, glacial-marine geology, marine records of changes in sea level and climate, and the evolution of barrier islands, estuaries, and deltas. Mandatory weekend field trip to the Southern Outer Banks.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 503.

**GEOL 504. Advanced Petrology. 3 Credits.**

Origin of magmas and evolution of igneous and metamorphic rocks, combined with petrographic study of selected sites.

**Requisites:** Prerequisite, GEOL 304.

**Grading status:** Letter grade.

**GEOL 505. Chemical Oceanography. 4 Credits.**

Graduate students only; undergraduates must have permission of the instructor. Overview of chemical processes in the ocean. Topics include physical chemistry of seawater, major element cycles, hydrothermal vents, geochemical tracers, air-sea gas exchange, particle transport, sedimentary processes, and marine organic geochemistry. Three lecture and two recitation hours per week.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 505, ENVR 505.

**GEOL 506. Physical Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Descriptive oceanography, large-scale wind-driven and thermohaline circulations, ocean dynamics, regional and nearshore/estuarine physical processes, waves, tides. Three lecture and one recitation hour per week.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 506.

**GEOL 508. Global Hydrology. 3 Credits.**

An introduction to methodologies and instrumentation for quantifying the movement of water in the earth system focusing on components of the hydrologic cycle.

**Requisites:** Prerequisites, GEOL/ENEC 324 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GEOL 511. Stable Isotopes in the Environment. 3 Credits.**

Introduction to the theory, methods, and applications of stable isotopes to environmental problems. Primary focus will be on the origin, natural abundance, and fractionation of carbon, hydrogen, oxygen, and nitrogen isotopes.

**Requisites:** Prerequisite, CHEM 102.

**Grading status:** Letter grade

**Same as:** ENEC 511.

**GEOL 514. River Systems of East Coast North America. 3 Credits.**

Required preparation, one introductory geology course. Junior or senior status. Analysis of 23 rivers from St. Lawrence to the Everglades, from headwaters to oceanic terminus of turbidite fan. Focus on stream processes, geologic development, hydrology, utilization history, ecology, and planning.

**Requisites:** Prerequisite, GEOL 417.

**Grading status:** Letter grade.

**GEOL 517. Sequence and Seismic Stratigraphy. 3 Credits.**

Examination of lithostratigraphic principles and the sequence stratigraphic paradigm. Students will study use of variation of well log signature reflection attributes and reflection termination patterns to identify and correlate sequences and systems and to interpret the lithology and depositional history of subsurface stratigraphic units.

**Requisites:** Prerequisite, GEOL 303.

**Grading status:** Letter grade.



**GEOL 518. Geodynamics. 3 Credits.**

Required preparation, one introductory geology course. Interior of the earth deduced from seismology, gravity, heat flow, magnetism; geophysics of continents and ocean basins; age of earth.

**Requisites:** Prerequisites, CHEM 102; MATH 232; and PHYS 104 and 105, or 114 and 115.

**Grading status:** Letter grade.

**GEOL 520. Data Analysis in the Earth Sciences. 3 Credits.**

Required preparation, an introductory geology course numbered below 202, except first-year seminar, or permission of the instructor. Introduction to quantitative analysis in earth sciences: solid earth, atmospheres, oceans, geochemistry, and paleontology. Topics covered: univariate and multivariate statistics, testing, nonparametric methods, time series, spatial and cluster analysis, shapes.

**Requisites:** Prerequisites, MATH 231 and 232.

**Grading status:** Letter grade.

**GEOL 521. Clastic Depositional Systems: Processes and Products. 3 Credits.**

Examination of the use of lateral and vertical changes in sedimentary facies to identify depositional processes and environments of deposition within the terrestrial, marginal marine, shelf, and deep sea clastic depositional systems. These systems will be examined in a sequence stratigraphic framework.

**Requisites:** Prerequisite, GEOL 303.

**GEOL 522. Physical Volcanology. 3 Credits.**

Required preparation, introductory courses in geology and physics. Course is aimed at understanding the physical properties and processes controlling volcanism and magma transport. Topics covered include volcanic processes from the formation of magma in the upper mantle to violent eruption at the surface. Emphasizes dynamic processes and underlying mechanisms.

**Grading status:** Letter grade.

**GEOL 523. Petroleum Geoscience. 4 Credits.**

Students study the origin, migration, and entrapment of hydrocarbons in sedimentary basins and learn how several areas of the geosciences are integrated to locate and produce hydrocarbons. Students learn about these topics while analyzing a real subsurface data set.

**Requisites:** Prerequisites, GEOL 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GEOL 525. Inverse Theory: Advanced Data Analysis and Geophysical Modeling. 3 Credits.**

The course deals with earth science problems related to extracting model parameters from data and field observations. Details of mathematical concepts, real world examples, and practical applications associated with noisy or incomplete data are covered. Key concepts include multivariate regression, model discretization, Tikhonov regularization, and Bayesian methods.

**Grading status:** Letter grade.

**GEOL 550. Biogeochemical Cycling. 3 Credits.**

Biogeochemical cycling explores interfaces of marine, aquatic, atmospheric, and geological sciences emphasizing processes controlling chemical distributions in sediments, fresh and salt water, the atmosphere, and fluxes among these reservoirs.

**Requisites:** Prerequisites, ENVR 421; GEOL 405, 436, 655; MASC 440, 505; or permission of the instructor.

**Gen Ed:** PL, CI.

**Grading status:** Letter grade

**Same as:** MASC 550.

**GEOL 552. Organic Geochemistry. 3 Credits.**

Recommended preparation, CHEM 261 or MASC 505, and one additional ENVR, GEOL, or MASC course above 400. Sources, transformations, and fate of natural organic matter in marine environments. Emphasis on interplay of chemical, biological, and physical processes that affect organic matter composition, distribution, and turnover.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 552, ENVR 552.

**GEOL 555. Paleobotany: An Introduction to the Past History of Plants. 3 Credits.**

An introduction to the fossil record of plants, investigating how plants originated and changed through geological time to produce the modern flora. Both macrofossils and microfossils will be considered. Three lecture hours a week.

**Requisites:** Prerequisites, BIOL 202, and one other BIOL course above 200; corequisite, BIOL 555L; permission of the instructor for students lacking the requisites.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade

**Same as:** BIOL 555.

**GEOL 560. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow.

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MASC 560, ENVR 452, PHYS 660.

**GEOL 563. Descriptive Physical Oceanography. 3 Credits.**

Observed structure of the large-scale and mesoscale ocean circulation and its variability, based on modern observations. In-situ and remote sensing techniques, hydrographic structure, circulation patterns, ocean-atmosphere interactions.

**Requisites:** Prerequisite, MASC 506; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MASC 563.

**GEOL 580. Evolution of Earth's Surface Environment. 3 Credits.**

The course combines geology, climatology, hydrology, and soil science to explore the evolution of the surface environment of the earth from the Archean to the present, including the great oxidation event and modern ocean anoxia. Students will read research papers and will be encouraged to question and debate course topics.

**Grading status:** Letter grade.

**GEOL 590. Special Topics in Earth Sciences. 1-4 Credits.**

Discussion or lab-based consideration of topical issues in earth sciences.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading status:** Letter grade.

**GEOL 595. Advanced Field Seminar in Geology. 1-4 Credits.**

A field course that emphasizes advanced field methods. Emphasis is placed on large-scale, detailed field work in complex structural terrains and on independent mapping that will lead to thesis/dissertation and/or publication. Previously offered as GEOL 695.

**Requisites:** Prerequisites, GEOL 485 and 486.

**Grading status:** Letter grade.

**GEOL 608. Continuum Mechanics in the Earth Sciences. 3 Credits.**

Applications of continuum mechanics in the earth sciences, including stress, strain, elasticity, and viscous flow. Numerical solutions to problems in heterogeneous finite strain including finite element analysis.

**Requisites:** Prerequisites, GEOL 302, and PHYS 114, 116, or 118.

**Grading status:** Letter grade

**Same as:** ENEC 608.

**GEOL 655. Recent Advances in Non-Traditional Stable Isotope Geochemistry. 3 Credits.**

This seminar will introduce students to state of the art analytical techniques, current theories, and their applications in various geological processes regarding the non-traditional stable isotopes (e.g., Li, Mg, Fe, Mo, and Cr). After introducing some basic principles and analytical techniques of these so called "non-traditional" stable isotopes, students will present and discuss recent literature in this arena.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**GEOL 691H. Honors. 3 Credits.**

By permission of the department. For details, see geology degree requirements.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**GEOL 692H. Honors. 3 Credits.**

For details, see geology degree requirements.

**Requisites:** Prerequisite, GEOL 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Geological Sciences Major, B.A. – Earth Science Concentration

### Contact Information

#### Department of Geological Sciences

Visit Program Website (<http://www.geosci.unc.edu>)

104 South Road, Mitchell Hall, CB# 3315

(919) 966-4516

**Jonathan Lees, Chair**

**Kevin Stewart, Director of Undergraduate Studies**

kgstewar@email.unc.edu

**Deborah Harris, Student Services Manager**

djharris@email.unc.edu

The study of earth's dynamic systems is a field that has seen major advances over the last few decades. Geologists investigate diverse systems that play a large role in controlling the environment at the earth's surface.

### Department Programs

#### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 537)
- Geological Sciences Major, B.S.–Earth Science (p. 539)
- Geological Sciences Major, B.S.–Environmental Geoscience (p. 541)

#### Minor

- Geological Sciences Minor (p. 544)

#### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)

### Student Learning Outcomes

Upon completion of the geological sciences program (B.A.), students should be able to:

- Demonstrate broad knowledge of core geological concepts
- Produce written synthesis of professional journal articles dealing with topics covered in advanced courses
- Make a clear and effective oral presentation
- Apply knowledge and skills from coursework in a significant field experience in an area of geological sciences

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
GEOL 200	The Solid Earth	3
GEOL 201	Earth's Surface: Processes, Landforms, and History	3
A minimum of 11 credits from the following GEOL courses:		11
GEOL 202	Earth Systems History	
GEOL 221	Geology of North America	
GEOL 301	Earth Materials: Minerals	
GEOL 302	Structural Geology	
GEOL 303	Sedimentology and Stratigraphy	
GEOL 304	Petrology and Plate Tectonics	
GEOL 315	Energy Resources	
GEOL 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	
Capstone requirement:		6
GEOL 485 & GEOL 486	Summer Field Course in Geology and Summer Field Course in Geology	
GEOL 691H & GEOL 692H	Honors and Honors	
GEOL 395	Undergraduate Research in Geology <sup>1</sup>	
Science-oriented Experiential Education (EE) courses (6 credits total). <sup>2</sup>		
<b>Additional Requirements</b>		

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
MATH 130	Precalculus Mathematics	3
At least three geology and/or allied science electives not otherwise required for the major (see below chart)		9
Total Hours		39

<sup>1</sup> 6 credits of independent research

<sup>2</sup> Must be pre-approved by the Director of Undergraduate Studies.

## Geology and/or Allied Science Electives Not Otherwise Required for the Major

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 220	Principles of Archaeology	3
ANTH 315	Human Genetics and Evolution	3
ANTH 317	Evolutionary Perspectives on Human Adaptation and Behavior	3
ANTH 412	Paleoanthropology	3
ANTH 414	Laboratory Methods: Human Osteology	3
ASTR ---	any Astronomy course	
BIOC ---	any Biochemistry course except BIOC 107 and BIOC 108	
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
BIOL ---	any Biology course above BIOL 113	
CHEM ---	any Chemistry course above CHEM 101	
COMP ---	any Computer Science course except COMP 50, COMP 70, and COMP 380	
ECON 101	Introduction to Economics <sup>H</sup>	3
ECON 454	Economics of Population	3
ENEC 489	Ecological Processes in Environmental Systems	4
ENEC 490	Special Topics in Environmental Science and Studies <sup>H</sup>	1-12
ENVR ---	any Environmental Health Sciences course except ENVR 600	
GEOG 370	Introduction to Geographic Information	3
GEOG 410	Modeling of Environmental Systems	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	Climate Change	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440	Earth Surface Processes	3
GEOG 441	Introduction to Watershed Systems	3
GEOG 444	Landscape Biogeography	3
GEOG ---	any Geography course above GEOG 477	
GEOL ---	any Geological Sciences course	
MASC ---	any Marine Sciences course above MASC 101	
MATH ---	any Mathematics course above MATH 130	
PHYS ---	any Physics course except PHYS 101, PHYS 132, and PHYS 313	
STOR ---	any Statistics and Operations Research course STOR 155 or above	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Students also must satisfy all General Education requirements.

Course descriptions for:

- Astronomy (ASTR) and Physics (PHYS) (p. 735)
- Biochemistry (BIOC) (p. 274)
- Biology (BIOL) (p. 277)
- Chemistry (CHEM) (p. 319)
- Computer Science (COMP) (p. 378)
- Environmental Health Sciences (ENVR) (p. 485)
- Geography (GEOG) (p. 517)
- Geological Sciences (GEOL) (p. 531)
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- Mathematics (MATH) (p. 655)
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## Special Opportunities in Geological Sciences

### Honors in Geological Sciences

The honors program in the Department of Geological Sciences is open to undergraduates with an overall grade point average of 3.3 or better as of the beginning of the fall semester of the senior year. To participate in this program, the student chooses a research topic in consultation with his or her chosen faculty sponsor and conducts the research during the last two semesters in residence. The research project should represent the equivalent time expenditure of six hours of course credit and is taken as GEOL 691H (fall semester) and GEOL 692H (spring semester).

Upon recommendation of the faculty, students may be awarded the degree with honors or highest honors. Highest honors is reserved for students who have distinguished themselves in both coursework and independent research. In order to obtain this distinction the student must maintain a grade point average of 3.60 or higher and complete a research project that is worthy of peer-reviewed publication.

### Departmental Involvement

The Department of Geological Sciences encourages the active participation of undergraduates in department research, teaching, and social life. In addition to opportunities for experiential education and teaching internships described below, the department has an active Geology Honor Fraternity and Geology Club and regularly sponsors field excursions, career information sessions, and social events. Dates, times, and locations for all events are posted on the Web site and in the main lobby on the first floor of Mitchell Hall.

### Experiential Education

Many geology courses emphasize experiential learning through field and laboratory work. Most degree tracks include a field geology course (GEOL 485 and GEOL 486 or a similar course in another department) that fulfills the experiential education General Education requirement. Additionally, all students are encouraged to contact faculty members about conducting independent research, either as an honors thesis or a senior thesis project.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years.

Code	Title	Hours
<b>Core education courses</b>		
EDUC 516	Introduction to the Education of Exceptional Learners	3
or EDUC 689	Foundations of Special Education	
EDUC 532	Introduction to Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 593	Internship/Student Teaching	1-12
EDUC 601	Education Workshops	1-3
<b>Teaching methods course</b>		
GEOL 412	Principles and Methods of Teaching Earth Science	4

For more details on admission requirements, application deadlines, and submitting an online application, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

## Study Abroad

Although the department has no formalized study abroad program, many students participate in a study abroad program, and some receive credit for geology coursework completed abroad. Students interested in a study abroad program should contact the director of undergraduate studies. Students must receive approval from the director of undergraduate studies prior to taking courses abroad for geology credit.

## Undergraduate Awards

The Op White Prize in Geology, established in 1966, consists of a cash prize and an engraved bronze plaque displayed in the geology office. The award is given annually to the outstanding senior in geology.

## Field Camp Scholarships

Several scholarships for geology field camp are awarded each year from the Grover Murray and Anadarko funds.

## Undergraduate Research

The Department of Geological Sciences encourages qualified undergraduate students to conduct independent research on an interesting geologic topic under the direction of a geological sciences faculty member. This research can be conducted as a one- to four-credit hour project (GEOL 395) or in conjunction with the geology honors program.

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## Department Programs

### Majors

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### Minor

- Geological Sciences Minor (p. 544)

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- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)

## Student Learning Outcomes

Upon completion of the geological sciences program (B.S.), students should be able to:

- Demonstrate broad knowledge of core geological concepts
- Produce written synthesis of professional journal articles dealing with topics covered in advanced courses
- Make a clear and effective oral presentation
- Apply knowledge and skills from coursework in a significant field experience in an area of geological sciences
- Gain admission to graduate study or obtain employment in a field that uses geological training

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		

GEOL 200	The Solid Earth	3
GEOL 201	Earth's Surface: Processes, Landforms, and History	3
13 credit hours from the following options:		13
GEOL 202	Earth Systems History	
GEOL 301	Earth Materials: Minerals	
GEOL 302	Structural Geology	
GEOL 303	Sedimentology and Stratigraphy	
GEOL 304	Petrology and Plate Tectonics	
GEOL 405	Geochemistry	
GEOL 406	Introduction to Geophysics	
GEOL 417/417L	Geomorphology	
Four geology courses numbered above 300 and not otherwise required for the major		12
Capstone requirement (one of the following combinations):		6
GEOL 485 & GEOL 486	Summer Field Course in Geology and Summer Field Course in Geology	
GEOL 691H & GEOL 692H	Honors and Honors	
GEOL 395	Undergraduate Research in Geology (6 credits total)	
Science-oriented Experiential Education (EE) courses. (6 credits total) <sup>1</sup>		

**Additional Requirements**

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
One of the following:		3
Any COMP 110 or above, except COMP 380		
GEOL 520	Data Analysis in the Earth Sciences <sup>2</sup>	
Any MATH above MATH 232		
Any STOR 155 or above		
One of the following courses:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
One of the following courses:		4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	
Any CHEM above CHEM 102		
PHYS 105	General Physics II	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	

At least five science electives not otherwise required for the major (see chart below)	15
Remaining General Education (p. 27) requirements and enough free electives to accumulate 122 academic hours	43
<b>Total Hours</b>	<b>122</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Must be pre-approved by the Director of Undergraduate Studies.

<sup>2</sup> This course may also be used to satisfy one of the required GEOL courses numbered above 300

**Science Electives Not Otherwise Required for the Major**

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 220	Principles of Archaeology	3
ANTH 315	Human Genetics and Evolution	3
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ANTH 412	Paleoanthropology	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ASTR ---	any Astronomy course except a first-year seminar	
BIOC ---	any Biochemistry course except a first-year seminar, BIOC 107 and BIOC 108	
BIOL ---	any Biology course above BIOL 113	
CHEM ---	any Chemistry course above CHEM 102	
COMP ---	any Computer Science course 110 or above, except COMP 380	
ENEC ---	any Environment and Ecology course above 201	
GEOG 370	Introduction to Geographic Information	3
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GEOG 594	Global Positioning Systems and Applications	3
GEOG 597	Ecological Modeling	3
GEOL ---	any Geological Sciences course	
MASC ---	any Marine Sciences course 101 and above	
MATH ---	any Mathematics course above MATH 232	
PHYS ---	any Physics course except a first-year seminar, PHYS 101, PHYS 132, and PHYS 313	
STOR ---	any Statistics and Operations Research course 155 and above	



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Course descriptions for:

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## Geological Sciences Major, B.S.–Environmental Geoscience Concentration

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### Minor

- Geological Sciences Minor (p. 544)

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In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

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Code	Title	Hours
<b>Core Requirements</b>		
All of the following courses:		
GEOL 200	The Solid Earth	3

GEOL 201	Earth's Surface: Processes, Landforms, and History	3
GEOL 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory	4
13 credit hours from the following options:		13
GEOL 301	Earth Materials: Minerals	
GEOL 302	Structural Geology	
GEOL 303	Sedimentology and Stratigraphy	
GEOL 304	Petrology and Plate Tectonics	
GEOL 310	Coastal Environmental Change	
GEOL 405	Geochemistry	
GEOL 417 & 417L	Geomorphology and Geomorphology Laboratory	
GEOL 432	Paleoclimatology	
GEOL 435	Groundwater	
GEOL 436	Geochemistry of Natural Waters	
ENEC 203	Introduction to Environmental Science Problem Solving	
Three geology (GEOL) courses numbered above 300 and not otherwise required for the major		9
Capstone requirement (one of the following combinations):		6
GEOL 485 & GEOL 486	Summer Field Course in Geology and Summer Field Course in Geology	
GEOL 691H & GEOL 692H	Honors and Honors	
GEOL 395	Undergraduate Research in Geology <sup>1</sup> Science-oriented Experiential Education (EE) course. <sup>2</sup>	
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
One of the following courses:		3
Any COMP course numbered COMP 110 or above, except COMP 380		
GEOL 520	Data Analysis in the Earth Sciences <sup>3</sup>	
Any MATH above MATH 232		
Any STOR course numbered STOR 155 or above		
One of the following courses:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
One of the following courses:		4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	
Any CHEM course above CHEM 102		
PHYS 105	General Physics II	

PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
At least five science electives not otherwise required for the major (see below chart)		15
Remaining General Education (p. 27) requirements and enough free electives to accumulate 122 academic hours		42
<b>Total Hours</b>		<b>122</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Six credits total of independent research.

<sup>2</sup> Must be pre-approved by the Director of Undergraduate Studies.

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## Science Electives Not Otherwise Required for the Major

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 220	Principles of Archaeology	3
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ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ASTR ---	any Astronomy course except a first-year seminar	
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GEOG 491	Introduction to GIS	3
GEOG 577	Advanced Remote Sensing	3
GEOG 591	Applied Issues in Geographic Information Systems	3
GEOG 592	Geographic Information Science Programming	3
GEOG 594	Global Positioning Systems and Applications	3
GEOG 597	Ecological Modeling	3
GEOL ---	any Geological Sciences course	
MASC ---	any Marine Sciences course MASC 101 and above	

MATH ---	any Mathematics course above MATH 232
PHYS ---	any Physics course except a first-year seminar, PHYS 101, PHYS 132, and PHYS 313
STOR ---	any Statistics and Operations Research course STOR 155 and above

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Upon recommendation of the faculty, students may be awarded the degree with honors or highest honors. Highest honors is reserved for students who have distinguished themselves in both coursework and independent research. In order to obtain this distinction the student must maintain a grade point average of 3.60 or higher and complete a research project that is worthy of peer-reviewed publication.

### Departmental Involvement

The Department of Geological Sciences encourages the active participation of undergraduates in department research, teaching, and social life. In addition to opportunities for experiential education and teaching internships described below, the department has an active Geology Honor Fraternity and Geology Club and regularly sponsors field excursions, career information sessions, and social events. Dates, times, and locations for all events are posted on the Web site and in the main lobby on the first floor of Mitchell Hall.

### Experiential Education

Many geology courses emphasize experiential learning through field and laboratory work. Most degree tracks include a field geology course (GEOL 485 and GEOL 486 or a similar course in another department) that fulfills the experiential education General Education requirement. Additionally, all students are encouraged to contact faculty members

about conducting independent research, either as an honors thesis or a senior thesis project.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years.

Code	Title	Hours
<b>Core education courses</b>		
EDUC 516	Introduction to the Education of Exceptional Learners	3
or EDUC 689	Foundations of Special Education	
EDUC 532	Introduction to Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 593	Internship/Student Teaching	1-12
EDUC 601	Education Workshops	1-3
<b>Teaching methods course</b>		
GEOL 412	Principles and Methods of Teaching Earth Science	4

For more details on admission requirements, application deadlines, and submitting an online application, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

## Study Abroad

Although the department has no formalized study abroad program, many students participate in a study abroad program, and some receive credit for geology coursework completed abroad. Students interested in a study abroad program should contact the director of undergraduate studies. Students must receive approval from the director of undergraduate studies prior to taking courses abroad for geology credit.

## Undergraduate Awards

The Op White Prize in Geology, established in 1966, consists of a cash prize and an engraved bronze plaque displayed in the geology office. The award is given annually to the outstanding senior in geology.

## Field Camp Scholarships

Several scholarships for geology field camp are awarded each year from the Grover Murray and Anadarko funds.

## Undergraduate Research

The Department of Geological Sciences encourages qualified undergraduate students to conduct independent research on an interesting geologic topic under the direction of a geological sciences faculty member. This research can be conducted as a one- to four-credit hour project (GEOL 395) or in conjunction with the geology honors program.

# Geological Sciences Minor

## Contact Information

### Department of Geological Sciences

Visit Program Website (<http://www.geosci.unc.edu>)

104 South Road, Mitchell Hall, CB# 3315

(919) 966-4516

**Jonathan Lees, Chair**

**Kevin Stewart, Director of Undergraduate Studies**

[kgstewar@email.unc.edu](mailto:kgstewar@email.unc.edu)

**Deborah Harris, Student Services Manager**

[djharris@email.unc.edu](mailto:djharris@email.unc.edu)

Students majoring in another department may elect to pursue completion of a minor in geology.

## Department Programs

### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 537)
- Geological Sciences Major, B.S.–Earth Science (p. 539)
- Geological Sciences Major, B.S.–Environmental Geoscience (p. 541)

### Minor

- Geological Sciences Minor (p. 544)

### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
	Four GEOL courses <sup>1</sup>	12
Total Hours		12

<sup>1</sup> Only one course may be numbered less than 200.

Geological Sciences (GEOL) course descriptions (p. 531).

See the program page here (p. 537) for special opportunities.

# DEPARTMENT OF GERMANIC AND SLAVIC LANGUAGES AND LITERATURES

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<http://gsll.unc.edu>)

426 Dey Hall, CB# 3160

(919) 966-1642

### Hana Pichova, Director of Undergraduate Studies

[gsll@unc.edu](mailto:gsll@unc.edu)

### Valerie Bernhardt, Administrative Manager

[gsll@unc.edu](mailto:gsll@unc.edu)

## Introduction

The Department of Germanic and Slavic Languages and Literatures conducts research and offers instruction in the languages, literatures, and cultures of central, northern, and eastern Europe and northern Asia. It offers multiple tracks for undergraduate study for those interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment, internationally-oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Advising

Students can complete any concentration, even if they have no prior experience in the language, provided that they begin taking their language courses as first-year students.

All majors and minors have a primary academic advisor in Steele Building. Students should meet regularly with their primary advisor and review their Tar Heel Tracker each semester.

However, departmental academic advising is also important for all students majoring or minoring in the department. Current and prospective majors and minors should confer with the department's director of undergraduate studies regarding plans of study, study abroad course approvals, internship opportunities, and transfer credit.

Students seeking certification to teach German or Russian in public schools should consult advisors in the School of Education.

## Graduate School and Career Opportunities

In an age of rapid internationalization and globalization, proficiency in a foreign language is no longer just an auxiliary skill but a necessary one. Courses offered in the department make up an important part of a liberal education, and a major or minor can provide excellent preparation for many careers, particularly when the major or minor is combined with courses in business, economics, political science, journalism, and various other fields. Recent graduates have entered careers in international business, journalism, publishing, and the travel industry.

A bachelor of arts with a major in Germanic and Slavic languages and literatures also qualifies graduates for positions in the U.S. Department

of State and other government agencies, educational organizations, foundations, and travel organizations. The presence of over 100 German and Swiss firms in the Carolinas testifies to the demand for a high degree of German linguistic and cultural literacy in college graduates. The department is also one among very few in the United States that offers a range of critical and/or less commonly taught languages of Central and Eastern Europe. People who know these languages are in particularly high demand in business and government.

In addition, the demand for language teachers provides career opportunities for those German and Russian majors who also receive teaching certification from the School of Education.

German and Slavic majors often go on to graduate programs in comparative literature, linguistics, history, law, international business and management, international relations, professional translation, medicine, and education. Some pursue careers as college professors. Many Chapel Hill German and Slavic majors have been welcomed by the most prestigious graduate programs in the country. The department's faculty members can assist undergraduate majors in selecting appropriate graduate programs.

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Professors

Eric Downing, Clayton Koelb, David Pike, Paul Roberge.

## Associate Professors

Ruth von Bernuth, Richard Langston, Radislav Lapushin, Priscilla Layne, Hana Pichova, Gabriel Trop.

## Assistant Professors

Inga Pollmann, Aleksandra Prica, Stanislav Shvabrin.

## Teaching Associate Professors

Eleonora Magomedova, Christina Wegel.



## Teaching Assistant Professors

Natalia Chernysheva, Kyung Lee Gagum, Claire Scott, Christina Weiler.

## Professors Emeriti

Lawrence Feinberg, Walter K. Francke, Madeline G. Levine, Siegfried Mews, Vasa Mihailovich, Christopher R. Putney, Christoph E. Schweitzer, Peter Sherwood, Sidney R. Smith, Petrus W. Tax, Ivana Vuletic.

## GSSL – Germanic and Slavic Languages and Literatures

### Undergraduate-level Courses

#### **GSSL 50. First-Year Seminar: Literary Fantasy and Historical Reality. 3 Credits.**

The intersection of literary fantasy with historical reality considered in two ways: (1) fantastic-looking tales based on historical reality; and (2) stories describing fantastic situations that actually came true. Previously offered as GERM 50.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

#### **GSSL 51. First-Year Seminar: Stalin and Hitler: Historical Issues in Cultural and Other Perspectives. 3 Credits.**

Critical issues that dominated the 20th century: WWI and Bolshevik Revolution; rise of fascism, Lenin, Stalin, Hitler and their roles; origins and evolution of Cold War; collapse of Eastern Bloc. Previously offered as GERM 51.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

#### **GSSL 53. First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem. 3 Credits.**

Introduction to pre-Christian culture of Germany, Anglo-Saxon England, and Scandinavia from the late Roman Empire through the Viking Age, as preserved in myths, sagas, charms, inscriptions, and historical documents. Previously offered as GERM 53.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

#### **GSSL 54. First-Year Seminar: Once upon a Fairy Tale: Fairy Tales and Childhood, Then and Now. 3 Credits.**

Fairy tales from different national traditions and historical periods read through various critical lenses, against a backdrop of changing historical conceptions of the child. Works from Grimm, Anderson, Brontë, Disney, etc. Students may not receive credit for both GSSL 54 and GERM 279/CMPL 279. Previously offered as GERM 54.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

#### **GSSL 55. First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars. 3 Credits.**

Introduces students to study of humanities by examining how the idea of Rome evolved through poetry, history, philosophy, opera, even forgery into a concept that has long outlasted the Romans. Previously offered as GERM 55.

**Gen Ed:** HS, CI, WB.

**Grading status:** Letter grade.

#### **GSSL 56. First-Year Seminar: Germans, Jews, and the History of Anti-Semitism. 3 Credits.**

This course seeks to explore the historically difficult position of minorities in the modern world, using the situation of Jews in Germany from the 18th century to the Holocaust as a case study. Previously offered as GERM 56.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade

**Same as:** JWST 56.

#### **GSSL 58. First-Year Seminar: Love in the Middle Ages. 3 Credits.**

Examines development of notion of love from antiquity through Middle Ages to today. Discusses marriage, adultery, violence, power, gender roles. Introduces the study of humanities through reading, analysis, and research. Previously offered as GERM 58.

**Gen Ed:** HS, CI, WB.

**Grading status:** Letter grade.

#### **GSSL 59. First-Year Seminar: Moscow 1937: Dictatorships and Their Defenders. 3 Credits.**

Stalinist Soviet Union serves as a case study to examine how dictatorships develop and how they tend to be enveloped in justifications and kept in existence by outside observers. Previously offered as GERM 59.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

#### **GSSL 60. First-Year Seminar: Avant-Garde Cinema: History, Themes, Textures. 3 Credits.**

Students explore the international history, filmic techniques and cultural meanings of non-narrative cinema of the 20th century. Students also transform in-class discussions and individual essays into video projects. Previously offered as GERM 60.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **GSSL 63. First-Year Seminar: Performing America. 3 Credits.**

The intersection of performance in a theater space and in everyday life will serve as a springboard to investigating the diversity of contemporary America. Examines how race, class, religion, sexuality, sexual orientation, history, and death are performed in America today. Previously offered as GERM 63.

**Gen Ed:** VP.

**Grading status:** Letter grade.

#### **GSSL 65. First-Year Seminar: German Heroes? Knights, Tricksters, and Magicians. 3 Credits.**

This course seeks to explore literary heroes in European literature from the Middle Ages to the Enlightenment. We will discuss concepts of heroism and how those ideas have changed over time. Previously offered as GERM 65.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

#### **GSSL 67. First-Year Seminar: Blackness in the European Imaginary, Europe in the Black Imaginary. 3 Credits.**

This seminar deals with how encounters between Europe and the African Diaspora have changed notions of race, nation, identity, and belonging in the 20th century. Through engaging with diverse texts—literary, nonliterary, and visual—we will explore the construction of blackness in various national and historical contexts. Previously offered as GERM 67.

**Gen Ed:** GL, NA.

**Grading status:** Letter grade.

**GSLL 68. First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy. 3 Credits.**

This course focuses on three powerful affective states that challenge the conception of humans as autonomous, independent beings: intensity, vitality, and ecstasy. We will examine both philosophical and artistic representations of these particular states, focusing on the way in which they both endanger and enrich our experience of the world. Previously offered as GERM 68.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GSLL 68H. First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy. 3 Credits.**

This course focuses on three powerful affective states that challenge the conception of humans as autonomous, independent beings: intensity, vitality, and ecstasy. We will examine both philosophical and artistic representations of these particular states, focusing on the way in which they both endanger and enrich our experience of the world.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GSLL 69. First-Year Seminar: Laughing and Crying at the Movies: Film and Experience. 3 Credits.**

Why is it that we cry at the movies? We will focus on the melodrama but also look at comedy and horror to think about emotional responses to films. Students will learn the basics of film analysis, gain an overview of genre cinema, and study approaches to emotion, affect, and the body.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**GSLL 70. First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures. 3 Credits.**

This seminar investigates youth cultures from the 1940s to the present in the United States and around the world. It offers students a history of how different youth cultures developed over time, and consideration of how the constitution of youth cultures has been influenced by factors like race, class, and gender.

**Gen Ed:** LA, EE- Mentored Research, GL.

**Grading status:** Letter grade.

**GSLL 75. First-Year Seminar: The Book of Books: Literature and the Bible. 3 Credits.**

This seminar examines the influence the Bible had on great works of Western literature and traces this powerful literary tradition through different cultures and historical periods. Readings and discussions in English.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GSLL 80. Not Just Dogs: Animals in Russian Literature. 3 Credits.**

This course explores the question of the animal in the works of major Russian writers (Gogol, Dostoevsky, Tolstoy, Turgenev, Chekhov, Platonov). Among the topics to be discussed are: The animal as the other; animal and human natures: dominance and submission, ethics of human/animal relations, and the trope of "talking" animals. Readings and discussions in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**GSLL 81. First-Year Seminar: Metaphor and the Body. 3 Credits.**

All human beings inhabit a physical body, with inherent oppositions of inside/outside, up/down, and left/right. This course examines bodily experience as the wellspring of meaning. Previously offered as SLAV 81.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**GSLL 82. First-Year Seminar: Doctor Stories. 3 Credits.**

Explores and reflects on the experience and significance of being a doctor in Russia and the United States, analyzing "doctors' stories" presented in fiction, nonfiction, film, and other media. Previously offered as SLAV 82.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**GSLL 84. First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History. 3 Credits.**

Terror was used as a political weapon in 19th-century Russia. This seminar introduces the terrorists through their own writings and fictional representations in novels by Fyodor Dostoevsky and Joseph Conrad. Previously offered as SLAV 84.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**GSLL 85. First-Year Seminar: Children and War. 3 Credits.**

Readings for this seminar include children's wartime diaries, adult memoirs of child survivors, and fiction from Central and Eastern Europe. Previously offered as SLAV 85.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**GSLL 87. First-Year Seminar: Literature Confronting Totalitarianism. 3 Credits.**

What is totalitarianism? Can a portrayal of suffering, even death, under a totalitarian state, have artistic value, or must it remain only a political pamphlet? This seminar studies authors who reveal the crimes of totalitarianism, while also showing the moral strength and/or weaknesses of humans victimized by the totalitarian state.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**GSLL 88H. First-Year Seminar: Gender and Fiction in Central and Eastern Europe. 3 Credits.**

An introduction to the region, this course examines the role of gender in central and east European literature from the end of the 19th century to contemporary times. Course materials include novels, films, historical readings, and essays. Readings and class discussions in English. Previously offered as SLAV 88H.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**GSLL 89. First-Year Seminar: Special Topics in Germanic and Slavic Languages and Literatures. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GSLL 212. "Game of Thrones" and the Worlds of the European Middle Ages. 3 Credits.**

This course offers a historical perspective on the adaptation of medieval culture in "Game of Thrones." We will focus on topics such as family, politics, religion, violence, gender, slavery, outcasts, knighthood, travel, heroes, myths, and magic. Readings and discussions in English.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**GSLL 218. Christianity and Islam in the Middle Ages. 3 Credits.**

This course draws on a variety of cultural documents to explore both the conflict and cross fertilization between the Christian and Islamic cultures of the Middle Ages. Readings and discussions in English. Previously offered as GERM 218.

**Gen Ed:** HS, GL, WB.

**Grading status:** Letter grade

**Same as:** RELI 218.

**GSLL 225. Popular and Pious: Early Modern Jewish Literature. 3 Credits.**

This seminar covers popular and pious literature written by and for Jews in the 15th to 18th century in German-speaking countries. Originally written in Old Yiddish, this literature preserved the popular European genres and nonfiction accounts of Jewish community and family life. Previously offered as GERM 225.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** JWST 225.

**GSLL 246. Reality and Its Discontents: Kant to Kafka. 3 Credits.**

An examination of "reality," as defined and redefined by Kant and his successors, in the context of European culture of the late 18th, 19th, and early 20th centuries. Readings and discussions in English. Previously offered as GERM 246.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GSLL 251. Ideology and Aesthetics: Marxism and Literature. 3 Credits.**

Examines clash between 20th-century writers and the state in countries where a single government or party used an exclusive ideology as justification for interference in cultural and literary affairs. Discussions and texts in English. Previously offered as GERM 251.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**GSLL 252. South Africa in Literary Perspective. 3 Credits.**

Course aims at an understanding of the South African experience as represented by that country's important writers. Readings include works by Gordimer, Coetzee, Mphahlele, Breytenbach, Fugard, Ndebele, Paton, la Guma. All materials in English. Previously offered as GERM 252.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**GSLL 254. The Division of Germany, Reunification, and Conflict with Russia. 3 Credits.**

Why was occupied Germany divided into two states after World War II? Were the Cold War and division inevitable? We explore these questions in two chronological contexts: 1945-1949 and 1989-present, with emphasis on the reemergence of Western conflict with Putin's Russia. Readings and discussions in English. Previously offered as GERM 254.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**GSLL 254H. The Division of Germany, Reunification, and Conflict with Russia. 3 Credits.**

Why was occupied Germany divided into two states after World War II? Were the Cold War and division inevitable? We explore these questions in two chronological contexts: 1945-1949 and 1989-present, with emphasis on the reemergence of Western conflict with Putin's Russia. Readings and discussions in English. Previously offered as GERM 254.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**GSLL 255. Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today). 3 Credits.**

This course investigates the central role played by the "German question" in the break-up of the wartime alliance, the emergence of East-West political blocs, the subsequent dissolution of the USSR, and the return to new Russian-Western antagonisms. Readings and discussions in English. Previously offered as GERM 255.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**GSLL 260. From Berlin to Budapest: Literature, Film, and Culture of Central Europe. 3 Credits.**

Central Europe, at the center of dramatic historical changes--WWI, emergence of independent nation states, WWII and Holocaust, Communism and its end, incorporation into the European Union--produced unprecedented cultural results. The creative voices of writers and filmmakers have relevance far beyond this region.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**GSLL 269. Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks. 3 Credits.**

This course examines the roles and representations of Jews in the world of the theater from Shakespeare's *The Merchant of Venice* to the present, considering dramas, operas, musicals, film adaptations, and films. Readings and discussions in English.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** CMPL 269, JWST 269.

**GSLL 270. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** CMPL 270, JWST 239, RELI 239.

**GSLL 271. Vampires and Empires. 3 Credits.**

An examination of the vampire in the visual and verbal cultures of Central and Eastern Europe, and the popular adaptation of "vampirism" in the West. All materials and discussions in English. Previously offered as HUNG 271.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**GSLL 277. The Moon in Song, Story, and Science: Mentored Research Projects in Cultural History. 3 Credits.**

Consideration of our satellite both as a natural object that can be investigated scientifically and as a cultural object that has been the subject of highly varied treatments in poems and stories throughout human history. Students engage in mentored research culminating in a substantial essay. Readings and discussions in English.

**Gen Ed:** LA, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**GSLL 278. Music, Image, Text. 3 Credits.**

This course examines the relationship between text, music, and the visual arts, focusing on the way in which nonliterary aesthetic content may both mediate and call into question cultural values.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**GSSL 280. The Dialectic of Whiteness and Blackness in Atlantic Cultures. 3 Credits.**

Traces the invention of race, racism, and discourses of cultural inferiority/superiority throughout Western culture. What historical events created the necessity for racist thinking? How did colonialism and transatlantic migration change Atlantic cultures? Why did black culture become fashionable? Is the 21st century "post-racial"? Readings and course descriptions in English.

**Gen Ed:** GL, NA.

**Grading status:** Letter grade.

**GSSL 281. Holocaust Cinema in Eastern Europe. 3 Credits.**

A critical look at varieties of cinematic representation and memorialization of the Holocaust, from those countries of Europe where it mostly took place. Taught in English. All films in (or subtitled in) English. Previously offered as SLAV 281.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** CMPL 281.

**GSSL 283. Hungarian Cinema since World War II. 3 Credits.**

An introduction to Hungarian society and culture since the end of World War II through a selection of film classics. Films with English subtitles. Readings and discussions in English. Previously offered as HUNG 280.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**GSSL 284. Philosophy and the Arts. 3 Credits.**

This course examines the different ways in which philosophical texts and works of art presuppose, articulate, and call into question cultural norms and values, with a special emphasis on conceptions of selfhood in various philosophical movements (for example, in Existentialism, the Enlightenment, Romanticism, etc.).

**Gen Ed:** PH.

**Grading status:** Letter grade.

**GSSL 285. Dissent and Protest in Central Europe. 3 Credits.**

This course examines cultures of dissent and protest in Central Europe, including student protests of the 1960s and the fall of Communism in 1989. Materials include literature, film, music, theatre, and popular culture from Czechoslovakia, East Germany, West Germany, Hungary, and Poland. Readings and discussions in English.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**GSSL 306. Language and Nationalism. 3 Credits.**

This course focuses on language, identity, and nationalism in contemporary societies, with special emphasis on Europe, Africa, Asia, and the United States. Previously offered as SLAV 306.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade

**Same as:** LING 306.

**Advanced Undergraduate and Graduate-level Courses****GSSL 465. Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe. 3 Credits.**

Historical contexts and connections through artistic representation of the Holocaust and Soviet terror in Eastern Europe and the USSR. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, BN, GL.

**Grading status:** Letter grade

**Same as:** JWST 465, PWAD 465.

**GSSL 467. Language and Political Identity. 3 Credits.**

This course examines the roles of language policy and linguistic controversies in determining national identity and fueling political polarization. It focuses primarily on Western and Eastern Europe and Central Asia. Previously offered as SLAV 467.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** PWAD 467.

**GSSL 475. Magical Realism: Central European Literature in a Global Context. 3 Credits.**

This course studies magical realism in Central European literature and film by placing it in a global literary/cinema context. Readings and discussions in English.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**GSSL 480. Interrogating Cultures of Fascism: Introduction to Frankfurt School's Critical Theory 1923-Present. 3 Credits.**

This research-intensive seminar for advanced undergraduates covers the history of the Frankfurt School as well as the scope of its theory for contemporary social, political, and cultural analysis. Taught in English; some readings in German for qualified students. Students must have junior or senior standing or have permission of the instructor.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**GSSL 489. GSSL Across the Curriculum (LAC). 1 Credit.**

This one-credit hour class aims to develop and facilitate conversational skills in a Germanic or Slavic language in the context of the current political, economic, and cultural climate. Knowledge of the language of instruction at the upper-intermediate level required.

**Requisites:** Prerequisite, BCS 404, CZCH 404, DTCH 404, GERM 204, HUNG 404, KAZH 404, PLSH 404, RUSS 204, or UKRN 404; permission of instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**GSSL 490. Topics in Germanic and Slavic Languages and Literatures. 3 Credits.**

Examines selected themes in the history, culture, society, art, and/or literature of Germanic and Slavic/East European countries.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GSSL 496. Independent Readings in Germanic and Slavic/East European Studies. 1-3 Credits.**

Special readings and research in a selected field or topic related to Germanic and Slavic/East European Studies, under the direction of a faculty member.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GSSL 560. Reading Other Cultures: Issues in Literary Translation. 3 Credits.**

Permission of the instructor. Reading knowledge of a language other than English recommended. Starting from the proposition that cultural literacy would be impossible without reliance on translations, this course addresses fundamental issues in the practice, art, and politics of literary translation. Previously offered as SLAV 560.

**Grading status:** Letter grade

**Same as:** CMPL 560.



**GSLL 683. Moving-Image Avant-gardes and Experimentalism. 3 Credits.**

History and theory of international avant-garde and experimentalist movements in film, video, intermedia, multimedia, and digital formats. Content and focus may vary from semester to semester. Previously offered as GERM 683.

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GSLL 691H. Honors Course. 3 Credits.**

Permission of the director of undergraduate studies. For majors only. Reading and special studies under the direction of a faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**GSLL 692H. Honors Course. 3 Credits.**

Permission of the director of undergraduate studies. For majors only. Reading and preparation of an essay under the direction of a faculty member, designed to lead to the completion of the honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**GSLL 693H. Honors Seminar. 3 Credits.**

Permission of the director of undergraduate studies. For majors only. Introduction to research techniques and preparation of an essay, designed to lead to the completion of the honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## DTCH–Dutch

### Undergraduate-level Courses

**DTCH 275. Rising Fortunes and Rising Tides: The Dutch Golden Age and its Legacy. 3 Credits.**

This study abroad course provides students with in-depth exposure to the history and culture of the Netherlands in the 17th century through the lens of its chief city, Amsterdam. Conducted in English. No knowledge of Dutch is required.

**Gen Ed:** EE- Service Learning, NA.

**Grading status:** Letter grade.

**DTCH 396. Independent Readings in Dutch. 3 Credits.**

Permission of the instructor. Special readings and research in a selected field or topic under the direction of a faculty member.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

**DTCH 402. Elementary Dutch. 3 Credits.**

The first course in the Dutch language sequence, DTCH 402 is a rapid introduction to modern Dutch with emphasis on all fundamental components of communication. Completion of DTCH 402 fulfills level 2 of a foreign language.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**DTCH 403. Intermediate Dutch. 3 Credits.**

The second course in the Dutch language sequence, DTCH 403 focuses on increased skills in speaking, listening, reading, global comprehension, and communication. Emphasis on reading and discussion of longer texts. Completion of DTCH 403 fulfills level 3 of a foreign language.

**Requisites:** Prerequisite, DTCH 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**DTCH 404. Advanced Intermediate Dutch. 3 Credits.**

This third Dutch course completes the language sequence. DTCH 404 aims to increase proficiency in language skills (reading, speaking, writing) and is constructed around a series of themes meant to introduce students to Dutch society, culture, and history. Completion of DTCH 404 fulfills level 4 of a foreign language.

**Requisites:** Prerequisite, DTCH 403; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**DTCH 405. Topics in Dutch Culture: A Literary Survey. 3 Credits.**

Ability to read and speak Dutch at intermediate to advanced level recommended. Introduction to Dutch literature from Middle Ages to the present. Survey of topics in Dutch culture.

**Requisites:** Prerequisite, DTCH 404; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

## GERM–German

### Undergraduate-level Courses

**GERM 101. Elementary German. 4 Credits.**

Develops the four language skills (speaking, listening, reading, writing) in a cultural context. In addition to mastering basic vocabulary and grammar, students will communicate in German about everyday topics. Students may not receive credit for both GERM 105 and GERM 101 or 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 101H. Elementary German. 4 Credits.**

Develops the four language skills (speaking, listening, reading, writing) in a cultural context. In addition to mastering basic vocabulary and grammar, students will communicate in German about everyday topics.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 102. Advanced Elementary German. 4 Credits.**

This continuation of GERM 101 emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in German about everyday topics. Students may not receive credit for both GERM 105 and GERM 101 or 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.



**GERM 102H. Advanced Elementary German. 4 Credits.**

This continuation of GERM 101 emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in German about everyday topics. Students may not receive credit for both GERM 105 and GERM 101 or 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 105. Intensive Elementary German. 8 Credits.**

Experience in German or fluency in another foreign language recommended. An accelerated, intensive course that essentially covers materials of GERM 101 and 102 in one semester. Students may not receive credit for both GERM 105 and GERM 101 or 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 203. Intermediate German. 3 Credits.**

Students acquire necessary materials and opportunities to develop further their language skills in a cultural context. They review and expand upon the basic grammar covered in beginning German. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 203H. Intermediate German. 3 Credits.**

Students acquire necessary materials and opportunities to develop further their language skills in a cultural context. They review and expand upon the basic grammar covered in beginning German. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 204. Advanced Intermediate German. 3 Credits.**

Emphasizes further development of the four language skills (speaking, reading, writing, listening) within a cultural context. Discussions focus on modern Germany, Austria, and Switzerland in literature and film. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204.

**Requisites:** Prerequisite, GERM 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 204H. Advanced Intermediate German. 3 Credits.**

Emphasizes further development of the four language skills (speaking, reading, writing, listening) within a cultural context. Discussions focus on modern Germany, Austria, and Switzerland in literature and film. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204.

**Requisites:** Prerequisite, GERM 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 206. Intensive Intermediate German. 6 Credits.**

An accelerated intensive course that covers the materials of GERM 203 and 204 in one semester. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204.

**Requisites:** Prerequisite, GERM 105; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**GERM 210. Getting Medieval: Knights, Violence, and Romance. 3 Credits.**

Offers a historical perspective on the portrayal of medieval culture in film from the 1920s to today. Specific topics include the ideal hero, the quest, etiquette, chivalry, rituals, and love. Readings and discussions in English.

**Gen Ed:** VP, NA, WB.

**Grading status:** Letter grade.

**GERM 211. Concepts in Medieval Culture. 3 Credits.**

This course examines concepts that medieval texts utilize in order to articulate an understanding of human beings, their relations to others, their social, political, and religious worlds. Readings and discussions in English.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**GERM 216. The Viking Age. 3 Credits.**

Lecture/discussion course on Viking culture, mythology, exploration, and extension of power in northern Europe (approx. 750-1050 CE) as represented in sagas, the Eddas, runic inscriptions, and chronicles. Readings and discussions in English.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**GERM 220. Women in the Middle Ages. 3 Credits.**

This interdisciplinary course examines representations of women, concepts of gender, and women's participation in the economic, political, religious, and cultural life of the Middle Ages. Discussion and texts in English.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 220.

**GERM 227. Luther and the Bible. 3 Credits.**

The Reformation was seminal for the development of the modern world. This course will investigate Reformation literature written in the period from the end of the 15th century to the end of the 17th century, and will investigate how Reformation ideas resonate through today. Readings and discussions in English.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** RELI 227.

**GERM 245. Marx, Nietzsche, and Freud. 3 Credits.**

An introduction to the writings of three great German writers of the 19th century who have had enormous impact on the lives of people around the world. Readings and discussions in English.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GERM 249. German Literature in Translation. 3 Credits.**

The idea of world literature was a German invention, proposed by Goethe to describe literature of universal importance for all of humanity. German thought, and German literature, in particular, remains an important component in this canon. This English-language literature course introduces newcomers to some highlights of German literature.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 250. Women in German Cinema. 3 Credits.**

Introduction to feminist aesthetics and film theory by the examination of the representation of women in German cinema from expressionism to the present. All materials and discussions in English.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** WGST 250.

**GERM 265. Hitler in Hollywood: Cinematic Representations of Nazi Germany. 3 Credits.**

An examination of selected cinematic representations (both American and German) of Nazi Germany in terms of their aesthetic properties and propagandistic value. Films with English subtitles; readings and discussions in English.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**GERM 266. Weimar Cinema. 3 Credits.**

Explores important German films of 1919 to 1933, locating them in their artistic, cultural, and historical context. Treats the contested course of Weimar film history and culture and provides a theoretically informed introduction to the study of film and visual materials. Films with English subtitles; readings and discussions in English.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**GERM 267. Contemporary German and Austrian Cinema. 3 Credits.**

Examines exciting new directions in German and Austrian cinema from the past 20 years. By analyzing weekly films, students develop skills in film analysis and criticism; read reviews, interviews, and film-theoretical texts; write a film review; and produce a critical essay. Films with English subtitles; readings and discussions in English. Students may not receive credit for both GERM 267 and 367.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**GERM 268. Auteur Cinema. 3 Credits.**

We will explore the works of one German director. By watching a sample of a director's oeuvre over a significant period of time, students come to understand the director's arch, identify common threads in their films, and consider how his or her work relates to larger developments in German film history. Films with English subtitles; readings and discussions in English.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**GERM 275. History of German Cinema. 3 Credits.**

This course explores the major developments of German cinema. All films with English subtitles. Readings and discussions in English.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**GERM 279. Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now. 3 Credits.**

Considers fairy tales from several different national traditions and historical periods against the backdrop of folklore, literature, psychoanalysis, and the socializing forces directed at children. Students may not receive credit for both GERM 279/CMPL 279 and GSLL 54.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** CMPL 279.

**GERM 280. 20th-Century German Philosophy and Modern Youth Cultures. 3 Credits.**

This philosophical Approaches course investigates the rich European intellectual foundations on which 20th-century youth culture erected its triumvirate of sex, drugs, and rock music.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GERM 281. The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI. 3 Credits.**

This course brings into dialogue key ideas from seminal German philosophers who anticipated, experienced, or survived the Great War, with contemporary works of German literature, film, and painting. Of concern are the ways philosophy's concepts and art's themes shaped both one another and the idea of war. Readings and discussions in English.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GERM 283. Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt. 3 Credits.**

This course investigates how philosophical thought motivates, inspires, and generates forms of agency and identity against cultural tendencies that limit or erode freedom. Readings, lecture, and discussion in English.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade

**Same as:** PWAD 283.

**GERM 284. Translations and Adaptations of German Pop Literature. 3 Credits.**

By reading a few longer novels over the course of the semester, students will learn how to hone their critical thinking and reading skills, become familiar with a foreign culture, and consider how American culture is reflected back at them in these post-1960 German texts. Readings and discussions in English.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**GERM 285. Contemporary German Literature in Translation. 3 Credits.**

This class will introduce students to the latest translations of recent novels by both established and up-and-coming authors of the post-1989 German literary world. Readings and class discussions in English.

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**GERM 286. (Un)Welcomed Guests? German Reflections on Exile and Immigration. 3 Credits.**

This course introduces students to philosophical, literary, and film texts engaging with the ethics of migration. How might the writings by and depictions of refugees throughout German history resonate with the current crisis? The course includes a service learning component, so that students gain experience working with local refugees and are able to use their practical experience to reflect on the theoretical discussions in class. Readings and discussions in English.

**Gen Ed:** PH, EE- Service Learning, GL.

**Grading status:** Letter grade.

**GERM 290. Topics in German Studies. 3 Credits.**

Examines selected themes in the history, culture, society, art, and/or literature of German-speaking countries. Readings and discussions in English.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 301. Conversation and Composition. 3 Credits.**

Emphasis is on speaking and writing, with shorter readings on contemporary German life to provide subject matter for in-class discussion and regular written compositions. Further goals include improvement of pronunciation and a mastery of grammar.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI, NA.

**Grading status:** Letter grade.

**GERM 302. Contemporary German Society. 3 Credits.**

Introduction to contemporary German society from a sociological perspective. The course emphasizes sustained reflection on family structures, class, gender, race, demography, and the political economy of present-day Germany.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS, CI, NA.

**Grading status:** Letter grade.

**GERM 303. Introduction to German Literature. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. Presents major authors (Goethe, Mann, Kafka, and Brecht), periods, genres, and analysis. An appropriate conclusion to GERM 101-204, it also provides the background for more advanced undergraduate literature courses. Readings, discussions, and essays in German.

**Requisites:** Pre- or corequisite, GERM 301 or 302;

**Gen Ed:** LA, CI, NA.

**Grading status:** Letter grade.

**GERM 304. Business German. 3 Credits.**

An introduction to the language and culture of German business, commerce, and industry. Special emphasis is given to the acquisition of advanced business-related language skills.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GERM 305. Business German. 3 Credits.**

GERM 304 recommended but not required. As a continuation of GERM 304 the course offers a more advanced treatment of the current German economic and business debates and events while further strengthening relevant German language skills.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GERM 306. Introduction to German Translation. 3 Credits.**

This course provides a practical and theoretical introduction to translation from and into German. Translation practices will be discussed not only from a linguistic perspective, but also from a cultural and historical perspective.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GERM 310. Höfische Kultur/Courtly Culture. 3 Credits.**

Introduces students to the rich culture and exciting literature of medieval Germany. Topics include knights and ladies, castles, weaponry, clothing, food, and fantasy. All materials and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**GERM 311. The Crusades. 3 Credits.**

Examination of the medieval notion of the crusade, conflicts and exchange between East and West, and the ambiguous portrayals of the East in Western medieval literature. Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**GERM 325. Fools and Laughter in Early Modern German Literature. 3 Credits.**

Fools are everywhere. Human folly is one of the most distinctive preoccupations of German literature of the early modern period. This course will explore the multiple meanings of the German term "fool" in works from the 15th to the 18th century. Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**GERM 330. The Age of Goethe. 3 Credits.**

German literature from the Enlightenment to Romanticism. Readings include works by Lessing, Goethe, Schiller, Kleist, and the Romantics. Readings and lectures in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 349. Vienna-Munich-Berlin: Revolutions in German Art c. 1900. 3 Credits.**

Investigation of the interconnectedness of turn-of-the-century arts, philosophy, psychoanalysis with focus on Berlin and Vienna. Works by Nietzsche, Hauptmann, Schnitzler, Freud, Hesse, Hofmannsthal/Strauss, Kafka, Rilke, T. Mann. Readings and lectures in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 350. Modern German Literature. 3 Credits.**

Study of major works of German literature from 1890 to the present by such authors as Thomas Mann, Kafka, Brecht, Hesse, Böll, and Grass. Readings and lectures in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 367. Contemporary German and Austrian Cinema. 3 Credits.**

Examines exciting new directions in German and Austrian cinema from the past 20 years. By analyzing weekly films, students develop skills in film analysis and criticism; read reviews, interviews, and film-theoretical texts; write a film review; and produce a critical essay. Readings and discussions in German. Students may not receive credit for both GERM 267 and 367.

**Requisites:** Prerequisite, GERM 303.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**GERM 370. Readings in German Intellectual History. 3 Credits.**

Introduction to German intellectual history from the Enlightenment to the rise of fascism. Close readings and discussions of texts by Kant, Schiller, Hegel, Marx, Nietzsche, Freud, and Benjamin. Readings and lectures in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GERM 371. The German Novella. 3 Credits.**

Famous novellas by authors such as Kleist, Brentano, Meyer, Keller, and Kafka, from the early 19th century to the middle of the 20th century. Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 372. German Drama. 3 Credits.**

German drama from the late Enlightenment to the present. Texts include plays by dramatists such as Goethe, Schiller, Kleist, Hauptmann, Brecht, and Dürrenmatt. Readings and lectures in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 373. Denk ich an Deutschland. . .": German Lyrical Poetry through the Centuries. 3 Credits.**

Survey of German lyric poetry from 18th to 21st century; major poets, forms, literary movements discussed. Readings, class discussions, and public recitation in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, EE- Performing Arts, NA.

**Grading status:** Letter grade.

**GERM 374. German Theater: Words Speak as Loudly as Actions. 3 Credits.**

Students study German plays, write original monodramas, and give two public dramatic performances. Readings, discussions, rehearsals in German aim to enable critique of dramas and theoretical texts.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, EE- Performing Arts, NA.

**Grading status:** Letter grade.

**GERM 379. German-Language Swiss Literature and Culture. 3 Credits.**

This course offers an introduction to the German-language literature and culture of Switzerland. Possible authors include: Jeremias Gotthelf, Gottfried Keller, Robert Walser, Friedrich Dürrenmatt, Max Frisch, Christian Kracht.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 380. Austrian Literature. 3 Credits.**

Presents Austria from the Biedermeier period to the end of the monarchy. Readings of works by authors such as Stifter, Schnitzler, Roth, Freud, Herzl, who articulate artistic, political, historical themes. Readings and lectures in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 381. Berlin: Mapping a (Post) Modern Metropolis. 3 Credits.**

Exploration of the rich cultural and turbulent political history of 20th-century Germany by focusing on the literature, film, art, and architecture produced in and about the city of Berlin. All materials and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 382. Representations of Violence and Terrorism in Contemporary German Literature and Film. 3 Credits.**

Investigates literary and cinematic response to rise in terrorism in Germany since 1970. Focus on cultural and political significance of the gangster, the freedom fighter, and the terrorist. Readings and discussions in German.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 383. Adaptations of the Past: Literature of the German Democratic Republic. 3 Credits.**

Explores the practice in East Germany of adapting earlier literatures and setting contemporary narratives in distant times. East German authors used cultural heritage as a screen for utopian sentiments and for pursuing the relationships between everyday life, historical conditions, and political circumstances. Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**GERM 384. Guilt, Suffering, and Trauma in Post War Germany. 3 Credits.**

German texts from 1945 to the present trace the depth of fascist violence and its aftermath in German historical writing and identity. How have Germans positioned themselves toward their history over time? Does one understand oneself as perpetrator, victim, or both? Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**GERM 385. Schein/Sein: Turkish German Culture, 1964 to Today. 3 Credits.**

Students will learn about Turkish migration to Germany following WWII. Students will read texts written about Turkish guest workers, as well as first-hand accounts from guest workers and literary texts by Turkish artists of the first, second, and third generation. Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade.

**GERM 386. Germany Goes East: Contemporary German Literature by Eastern European Immigrants. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. Since 1989, writers born in the former Eastern Bloc have taken German literature by storm. We investigate this contemporary prose, exploring themes like homeland and diaspora, communism and capitalism, German history and the European Union.

**Requisites:** Prerequisite, GERM 303.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**GERM 388. Discussion Section in German. 1 Credit.**

Students may enroll only in conjunction with a German Department course offered in English that features an accompanying discussion section. All materials and discussions in German. May count toward the major or minor in German.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 389. LAC Recitation. 1 Credit.**

A recitation section for selected courses that promote foreign language proficiency across the curriculum (LAC). Readings and discussions in German. May count toward the major and minor in German.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 390. Topics in German Studies. 3 Credits.**

Examines selected themes in the history, culture, society, art, and/or literature of German-speaking countries. Readings and discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 396. Independent Readings in German. 3 Credits.**

Special readings and research in a selected field or topic under the direction of a faculty member.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****GERM 400. Advanced German Grammar. 3 Credits.**

Review of basic and advanced grammatical structures. Course strengthens application of grammar in context for undergraduate and graduate students. Graduate students also work with grammar issues encountered in the foreign language classroom.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**GERM 450. Nietzsche, Hesse, and Mann. 3 Credits.**

Explores Nietzsche on literature, and Hesse's and Mann's literary thematization of Nietzsche's philosophy. Emphasis on conceptions of character, myth, music, and language, and Nietzsche's cultural and moral critique and its reevaluation in light of the 20th century political crises. Taught in English; some readings in German for qualified students.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**GERM 479. What is a Medium? German Media Theory from Aesthetics to Cultural Techniques. 3 Credits.**

This seminar provides students across the humanities with an overview of the historical and cultural relevance of German media theories. We will discuss the distinction between "art" and "medium", the role of technology and techniques, as well as the interaction of media theory and practice with politics. Films with English subtitles; readings and discussions in English.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade

**Same as:** CMPL 479.

**GERM 493. Internship in German. 3 Credits.**

This course enables a student to earn a maximum of three credit hours for a faculty-supervised internship directly related to the study of German literature or culture, or that uses the German language in day-to-day conduct of business in a German-speaking environment.

**Requisites:** Prerequisite, GERM 303.

**Gen Ed:** EE- Academic Internship, NA.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GERM 500. History of the German Language. 3 Credits.**

Development of phonology and morphosyntax from ancient times to present. Political, social, and literary forces influencing the language.

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GERM 501. Structure of German. 3 Credits.**

LING 101 recommended for undergraduates. Introduction to formal analysis of German grammar (phonology, morphophonemics, prosodics, morphology, syntax) within the framework of generative grammar.

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** LING 567.

**GERM 502. Middle High German. 3 Credits.**

Introduction to medieval German language, literature, and culture. Readings in English, German and Middle High German. Discussions in German.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.



**GERM 505. Early New High German. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Early New High German texts, with study of phonology, morphology, and syntax. On demand.

**Grading status:** Letter grade.

**GERM 508. Old High German. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Old High German texts, with study of phonology, morphology, and syntax; comparison of the various dialects with other older dialects of Germanic. On demand.

**Grading status:** Letter grade.

**GERM 511. Old Saxon. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic study of biblical texts (Heliand, Genesis) in Old Saxon, with study of phonology, morphology, and syntax; comparison with Old English, Old High German, and other Germanic dialects. On demand.

**Grading status:** Letter grade.

**GERM 514. Old Norse I (Old Icelandic). 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Old Norse (Old Icelandic) texts, with study of phonology, morphology, and syntax; comparison with other older dialects of Germanic. On demand.

**Grading status:** Letter grade.

**GERM 515. Old Norse II (Old Icelandic). 3 Credits.**

Permission of the instructor for undergraduates. Continuation of GERM 514. On demand.

**Grading status:** Letter grade.

**GERM 517. Gothic. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Gothic biblical texts, with study of phonology, morphology, and syntax; comparison with other older dialects of Germanic. On demand.

**Grading status:** Letter grade.

**GERM 520. Stylistics: Theory and Practice. 3 Credits.**

LING 101 recommended for undergraduates. Study of stylistic theories and practices in literature and linguistics, analysis of a large variety of texts, written exercises, training in the use of stylistic devices.

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GERM 521. Variation in German. 3 Credits.**

LING 101 recommended for undergraduates. Major topics in sociolinguistics: development of the German language, traditional dialects, variation in contemporary speech, German as a minority language (Alsace, Belgium), German outside of Germany (Austria, Switzerland, Luxemburg, Liechtenstein).

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**GERM 545. Problems in Germanic Linguistics. 3 Credits.**

LING 101 recommended for undergraduates. Special problems will be selected for intensive investigation. Subject matter of the course will be adapted to the particular interests of the students and instructor.

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GERM 590. Topics in Germanic Linguistics. 3 Credits.**

LING 101 recommended for undergraduates.

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 601. Elementary German for Graduate Students. 3 Credits.**

Permission of the instructor for undergraduates. With GERM 602, a two-semester sequence designed as preparation for the reading knowledge examination for higher degrees in the humanities, social sciences, physical sciences, etc.

**Grading status:** Letter grade.

**GERM 602. Elementary German for Graduate Students, Continued. 3 Credits.**

Permission of the instructor for undergraduates. Continuation of GERM 601.

**Grading status:** Letter grade.

**GERM 605. Comparative Germanic Grammar. 3 Credits.**

Permission of the instructor for undergraduates. LING 101 recommended for undergraduates. Analysis of phonological, morphological, and syntactic development from Indo-European to the older stages of Germanic dialects.

**Grading status:** Letter grade.

**GERM 615. Cultural Foundations in German Studies, to 1800. 3 Credits.**

Permission of the instructor for undergraduates. First part of a two-semester sequence offering students a comprehensive, text-based survey of German literary history from the High Middle Ages to the present.

**Grading status:** Letter grade.

**GERM 616. Cultural Foundations in German Studies: 1800 to Present. 3 Credits.**

Permission of the instructor for undergraduates. Second part of a two-semester sequence offering students a comprehensive, text-based survey of German literary history from the High Middle Ages to the present.

**Grading status:** Letter grade.

**GERM 625. Early Modern Literature. 3 Credits.**

Permission of the instructor for undergraduates. German literature of the 15th, 16th, and 17th centuries. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 630. 18th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature in the Age of Enlightenment. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 640. Early 19th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature of the Romantic period. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 645. Later 19th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature of Realism, Naturalism, and related movements. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 650. Early 20th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Major figures of the period from the turn of the century to World War II. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 655. Later 20th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature since World War II in both the Federal Republic and the former GDR. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GERM 685. Early 21st-Century German Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature since German unification in 1989. Close readings, lectures, and discussions of representative texts.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## BCS–Bosnian, Croatian, and Serbian

### Advanced Undergraduate and Graduate-level Courses

**BCS 401. Elementary Bosnian-Croatian-Serbian Language I. 3 Credits.**

Proficiency-based instruction at the elementary level that develops the four language skills (speaking, listening, reading, writing). In addition to mastering basic vocabulary and grammar, students will communicate in the target language about everyday topics. Previously offered as SECR 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**BCS 402. Elementary Bosnian-Croatian-Serbian Language II. 3 Credits.**

Continuation of the proficiency-based instruction in BCS 401. Course emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in the target language about everyday topics. Previously offered as SECR 402.

**Requisites:** Prerequisite, BCS 401; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**BCS 403. Intermediate Bosnian-Croatian-Serbian Language I. 3 Credits.**

Continuation of the proficiency-based instruction started in Elementary Bosnian-Croatian-Serbian. Previously offered as SECR 403.

**Requisites:** Prerequisite, BCS 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**BCS 404. Intermediate Bosnian-Croatian-Serbian Language II. 3 Credits.**

Continuation of the proficiency-based instruction started in BCS 403. Previously offered as SECR 404.

**Requisites:** Prerequisite, BCS 403; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**BCS 405. Advanced Bosnian-Croatian-Serbian Language I. 3 Credits.**

Advanced readings and discussion in Bosnian-Croatian-Serbian on humanities and social science topics. Previously offered as SECR 405.

**Requisites:** Prerequisite, BCS 404; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**BCS 406. Advanced Bosnian-Croatian-Serbian Language II. 3 Credits.**

Prerequisite: BCS 405, Permission of the instructor for students lacking the prerequisite. Advanced readings and discussion in Bosnian-Croatian-Serbian on humanities and social science topics. Continuation of BCS 405. Previously offered as SECR 406.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**BCS 411. Introduction to South Slavic Literatures and Cultures. 3 Credits.**

Introduction to South Slavic literatures and cultures with an emphasis on 19th- through 21st-century prose. Taught in English. Some readings in target language for qualified students. Previously offered as SECR 411.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**BCS 490. Topics in South Slavic Cultures. 3 Credits.**

Study of topics in Bosnian, Croatian, Serbian, and other South Slavic literatures and cultures not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in target language for qualified students. Previously offered as SECR 490.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## CZCH–Czech

### Undergraduate-level Courses

**CZCH 280. Closely Watched Trains: Czech Film and Literature. 3 Credits.**

This course examines Czech film and literature against the backdrop of key historical, political, and cultural events of the 20th century. Films with English subtitles. Readings and discussions in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

**CZCH 401. Elementary Czech I. 3 Credits.**

Proficiency-based instruction at the elementary level that develops the four language skills (speaking, listening, reading, writing). In addition to mastering basic vocabulary and grammar, students will communicate in Czech about everyday topics.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CZCH 402. Elementary Czech II. 3 Credits.**

Continuation of the proficiency-based instruction in CZCH 401. Course emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in Czech about everyday topics.

**Requisites:** Prerequisite, CZCH 401; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CZCH 403. Intermediate Czech I. 3 Credits.**

Continuation of proficiency-based instruction begun in Elementary Czech.

**Requisites:** Prerequisite, CZCH 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CZCH 404. Intermediate Czech II. 3 Credits.**

Continuation of proficiency-based instruction begun in Elementary Czech.

**Requisites:** Prerequisite, CZCH 403; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**CZCH 405. Advanced Czech I. 3 Credits.**

Advanced readings and discussion in Czech in humanities and social science topics.

**Requisites:** Prerequisite, CZCH 404; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**CZCH 406. Advanced Czech II. 3 Credits.**

Advanced readings and discussion in Czech in humanities and social science topics, continued.

**Requisites:** Prerequisite, CZCH 405; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**CZCH 411. Introduction to Czech Literature. 3 Credits.**

Introduction to Czech literature with an emphasis on 19th- and 20th-century prose. Taught in English. Some readings in Czech for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**CZCH 469. Milan Kundera and World Literature. 3 Credits.**

This course traces Milan Kundera's literary path from his communist poetic youth to his present postmodern Francophilia. His work will be compared with those authors he considers his predecessors and influences in European literature. Taught in English. Some readings in Czech for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** CMPL 469.

**CZCH 490. Topics in Czech Culture. 3 Credits.**

Study of topics in Czech and/or Slovak literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in Czech for qualified students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## HUNG–Hungarian

### Advanced Undergraduate and Graduate-level Courses

**HUNG 401. Elementary Hungarian. 3 Credits.**

Pronunciation, structure of language, and reading in modern Hungarian.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HUNG 402. Elementary Hungarian. 3 Credits.**

Pronunciation, structure of language, and reading in modern Hungarian, continued.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HUNG 403. Intermediate Hungarian Language. 3 Credits.**

Continuation of the proficiency-based instruction begun in Elementary Hungarian.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HUNG 404. Intermediate Hungarian Language. 3 Credits.**

Continuation of the proficiency-based instruction begun in Elementary Hungarian, continued.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**HUNG 405. Advanced Hungarian. 3 Credits.**

Advanced readings and discussion in Hungarian in humanities and social science topics.

**Requisites:** Prerequisite, HUNG 404; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**HUNG 406. Advanced Hungarian. 3 Credits.**

Advanced readings and discussion in Hungarian in humanities and social science topics, continued.

**Grading status:** Letter grade.

**HUNG 407. The Structure of Modern Hungarian. 3 Credits.**

Introduction to the phonology, morphology, and syntax of modern standard Hungarian, with emphasis on some of its distinctive typological features.

**Requisites:** Prerequisite, HUNG 401 or LING 101.

**Grading status:** Letter grade.

**HUNG 411. Introduction to Hungarian Literature. 3 Credits.**

An introduction to Hungarian literature of the last five centuries through a selection of works in English translation, with supporting background materials including films (with English subtitles). Taught in English; some readings in Hungarian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**HUNG 490. Topics in Hungarian Culture. 3 Credits.**

Study of topics in Hungarian literature and culture not currently covered in any other course. The specific topic will be announced in advance.

Taught in English; some readings in Hungarian for qualified students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## MACD–Macedonian

### Advanced Undergraduate and Graduate-level Courses

#### MACD 401. Elementary Macedonian. 3 Credits.

Pronunciation, structure of language, and reading in modern Macedonian.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### MACD 402. Elementary Macedonian. 3 Credits.

Pronunciation, structure of language, and reading in modern Macedonian, continued.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### MACD 403. Intermediate Macedonian. 3 Credits.

Continuation of the proficiency-based instruction begun in Elementary Macedonian.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### MACD 404. Intermediate Macedonian. 3 Credits.

Continuation of the proficiency-based instruction begun in Elementary Macedonian, continued.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### MACD 405. Advanced Macedonian. 3 Credits.

Advanced reading and discussion in Macedonian in humanities and social science topics.

**Grading status:** Letter grade.

#### MACD 406. Advanced Macedonian. 3 Credits.

Advanced reading and discussion in Macedonian in humanities and social science topics, continued.

**Grading status:** Letter grade.

## PLSH–Polish

### Undergraduate-level Courses

#### PLSH 280. The Modern Cinema of Poland. 3 Credits.

An overview of Polish cinema from the 1950s into the 21st century. Includes films of Kieslowski, Munk, Polanski, Wajda, and others. Films with English subtitles. Readings and discussions in English.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

#### PLSH 401. Elementary Polish I. 3 Credits.

Proficiency-based instruction at the elementary level that develops the four language skills (speaking, listening, reading, writing). In addition to mastering basic vocabulary and grammar, students will communicate in Polish about everyday topics.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### PLSH 402. Elementary Polish II. 3 Credits.

Continuation of the proficiency-based instruction in PLSH 401. Course emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in Polish about everyday topics.

**Requisites:** Prerequisite, PLSH 401; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### PLSH 403. Intermediate Polish I. 3 Credits.

Continuation of the proficiency-based instruction begun in elementary Polish.

**Requisites:** Prerequisite, PLSH 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### PLSH 404. Intermediate Polish II. 3 Credits.

Continuation of the proficiency-based instruction begun in elementary Polish, continued.

**Requisites:** Prerequisite, PLSH 403; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### PLSH 405. Advanced Polish I. 3 Credits.

Advanced readings and discussion in Polish on humanities and social science topics.

**Requisites:** Prerequisite, PLSH 404; permission of Instructor for students lacking the prerequisite.

**Gen Ed:** BN.

**Grading status:** Letter grade.

#### PLSH 406. Advanced Polish II. 3 Credits.

Advanced readings and discussion in Polish on humanities and social science topics, continued.

**Requisites:** Prerequisite, PLSH 405; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN.

**Grading status:** Letter grade.

#### PLSH 411. 19th-Century Polish Literature and Culture. 3 Credits.

An overview of the major literary, cultural and social movements in 19th-century Poland (Romanticism, Positivism and Young Poland) as they relate to Europe more broadly. All readings and discussions in English; readings available in Polish for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### PLSH 412. From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture. 3 Credits.

An overview of the literary and cultural movements in 20th and 21st century Poland as they relate to major historical changes of the century (World War I and World War II, Communism, Post-communism, accession to the European Union). All readings and discussions in English; readings available in Polish for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** JWST 412.

#### PLSH 490. Topics in Polish Culture. 3 Credits.

Study of topics in Polish literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in Polish for qualified students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.



## RUSS–Russian

### Undergraduate-level Courses

#### RUSS 101. Basic Russian Communication I. 4 Credits.

Essential basics of Russian for everyday conversations. Lays foundation for development of four language skills (speaking, writing, listening, and reading) indispensable for communication on everyday topics in a variety of contexts. Fosters interaction through acquisition of essential communicative and conversational strategies. Introduces learners to structure of contemporary standard Russian through culturally relevant materials.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### RUSS 102. Basic Russian Communication II. 4 Credits.

Further basics of Russian for everyday conversations. Continues to lay the foundation for development of four language skills (speaking, writing, listening, and reading) indispensable for communication on everyday topics in a variety of situational contexts. Fosters further interaction through acquisition of essential communicative and conversational strategies active in contemporary standard Russian through culturally relevant materials.

**Requisites:** Prerequisite, RUSS 101; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### RUSS 203. Intermediate Russian Communication I. 3 Credits.

Transitional skills for fluent speaking, writing, listening, and reading for intermediate learners. Furthers learners' competency for communication on everyday topics. Prepares learners for communication on subjects beyond their immediate needs. Expands interactive skillset necessary to maintain conversations and present individual opinions using complex structures. Employs adapted and non-adapted learning materials to promote mastery of contemporary standard Russian.

**Requisites:** Prerequisite, RUSS 102; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### RUSS 204. Intermediate Russian Communication II. 3 Credits.

Skills for fluent speaking, writing, listening, and reading for intermediate-to-advanced learners. Develops and deepens learners' mastery of contemporary standard Russian. Stresses communication, individual expression, and fosters cultural sensitivity through systematic expansion of learners' ability to conduct conversations in contemporary standard Russian on a widening variety of culturally relevant subjects.

**Requisites:** Prerequisite, RUSS 203; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### RUSS 270. Crimes and Punishments: Russian Literature of the 19th Century. 3 Credits.

Reading and discussion of great works of 19th century Russian literature (Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, and Chekhov). Readings and lectures in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### RUSS 272. Russian Literature from Chekhov to the Revolution. 3 Credits.

Literary situations and authors of 1880 to 1917, with emphasis on Chekhov and the Symbolists. Lectures and readings in English.

**Grading status:** Letter grade.

#### RUSS 273. Russian Culture and Society: 1890-1917. 3 Credits.

Examines the extraordinary diversity of turn-of-the-century Russian culture (1890s to 1917); the proliferation of visual and performance arts; the rise of popular culture; new artistic explorations of gender and sexuality. Lectures and readings in English.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

#### RUSS 274. Russian Literature from the Revolution to Today. 3 Credits.

Russian writers and literary problems from the Revolution to the present. Lectures and readings in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### RUSS 275. Russian Fairy Tale. 3 Credits.

An introduction to the Russian fairy tale with attention to its roots in Russian folklore, its influence on Russian culture, and its connections with American folk and popular culture. Lectures and readings in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### RUSS 276. Mystery and Suspense in Russian Literature. 3 Credits.

The study of mystery and suspense in Russian literature of the 19th and 20th centuries. Readings and class discussions in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### RUSS 277. Love, Sex, and Marriage in Soviet Culture. 3 Credits.

A survey of the themes of love, sex, and marriage as they developed in Russian literature and culture from the Bolshevik Revolution to Perestroika. Readings and class discussions in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### RUSS 278. Russian and Soviet Science Fiction. 3 Credits.

This course will focus on key works of Russian and Soviet science fiction. Readings and discussions in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

#### RUSS 280. Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds. 3 Credits.

A survey of fascinating history of Hollywood stereotypes of Russian villainy from Elizabethan England to Boris Badenov, Natasha Fatale, Ivan Drago, and Xenia Onnatop. What do these theatrical buffoons, cartoon-movie monsters, and cinematic seductresses tell us about Russia – and about ourselves as consumers of stereotypes? Readings and discussions in English.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

#### RUSS 282. Russian Literature in World Cinema. 3 Credits.

Survey of masterpieces of Russian literature in the context of their cinematic adaptations. Lectures and readings in English.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** CMPL 282.

#### RUSS 296. Selected Readings in Russian. 1-12 Credits.

Permission of the instructor. Directed readings in Russian on topics in literature and linguistics not normally covered in scheduled courses.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.



## Advanced Undergraduate and Graduate-level Courses

### **RUSS 409. Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I. 3 Credits.**

Intermediate-to-advanced communication, conversation, composition, phonetics, and grammar in contemporary cultural context. Meets the needs of learners looking to expand their practical knowledge of contemporary standard Russian in the context of present-day culture, while developing active applied skills pertaining to comprehension, production of, and communication in Russian.

**Requisites:** Prerequisite, RUSS 204; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN.

**Grading status:** Letter grade.

### **RUSS 410. Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II. 3 Credits.**

Hones skills necessary for advanced communication, conversation, and composition. Presents phonetics and grammar in contemporary cultural context. Learners expand their practical knowledge of contemporary standard Russian in the context of present-day culture, while developing applied skills pertaining to comprehension, production of, and communication in Russian actively using authentic cultural materials.

**Requisites:** Prerequisite, RUSS 409; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN.

**Grading status:** Letter grade.

### **RUSS 411. Advanced Communication, Conversation, and Composition in Contemporary Standard Russian I. 3 Credits.**

Develops and maintains advanced skills for speaking, writing, listening, and reading in contemporary standard Russian in a variety of communicative situations. Assists advanced learners in solving a wide range of communicative tasks with the aid of unadapted authentic cultural materials.

**Requisites:** Prerequisite, RUSS 410; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

### **RUSS 412. Advanced Communication, Conversation, and Composition in Contemporary Standard Russian II. 3 Credits.**

Prepares advanced learners of contemporary standard Russian for communication with educated native speakers of the language in the area of their professional competence. Furthers interactive skills for speaking, writing, listening, and reading in a variety of communicative situations pertaining to the learners' professional expertise.

**Requisites:** Prerequisite, RUSS 411; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

### **RUSS 415. Introduction to Russian Literature. 3 Credits.**

Reading and discussion of selected authors in Russian aimed at improving reading skill and preparing the student for higher level work in Russian literature. Course previously offered as RUSS 250.

**Requisites:** Prerequisite, RUSS 410; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 445. 19th Century Russian Literature and Culture. 3 Credits.**

A survey of the major novels and stories of 19th century Russian fiction, which have entered the canon of world classics and redefined the idea of literature. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 450. The Russian Absurd: Text, Stage, Screen. 3 Credits.**

Examines "The Absurd" in Russian literature and culture as it developed from 19th century to the present. Through works by important Russian writers and representative films students encounter facets of "The Russian Absurd" viewed as literary, cultural, and social phenomena. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 455. 20th-Century Russian Literature and Culture. 3 Credits.**

As Russia became a laboratory for sociopolitical experiments of global significance, its culture reflected on the most spectacular of its aspirations and failures. Course surveys 20th-century literary, musical and cinematic artifacts that emerged to affect the world profoundly. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 460. Russian Short Story. 3 Credits.**

An introduction to the Russian short story. The readings include works from the 17th century to the present. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 462. Russian Poetry of the 19th Century. 3 Credits.**

Readings and lecture on 19th-century Russian poetry. Taught in English; some readings in Russian for qualified students.

**Grading status:** Letter grade.

### **RUSS 463. Russian Drama: From Classicism to Modernism. 3 Credits.**

Survey of Russian drama as a literary and theatrical phenomenon from the end of the 18th to the beginning of the 20th century. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 464. Dostoevsky. 3 Credits.**

Study of major works of Dostoevsky and a survey of contemporary authors and literary trends relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 465. Chekhov. 3 Credits.**

Study of major works of Chekhov and survey of contemporary authors and literary trends relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

### **RUSS 469. Bulgakov. 3 Credits.**

Study of major works of Mikhail Bulgakov, including *Master and Margarita*, and a survey of contemporary Russian history and culture relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**RUSS 471. Gogol. 3 Credits.**

Study of major works of N. V. Gogol and a survey of contemporary authors and literary trends relevant to his creative career. Lectures and seminar discussions. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**RUSS 475. Literature of Russian Terrorism: Arson, Bombs, Mayhem. 3 Credits.**

Literary representations of Russian revolutionaries and terrorists in the 19th and early 20th centuries. Readings by Dostoevsky, Chernyshevsky, Bely, Joseph Conrad, and by some of the terrorists themselves. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** PWAD 475.

**RUSS 477. Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen. 3 Credits.**

Vladimir Nabokov's novel *Lolita* (1955) became a global phenomenon due to its unflinching portrayal of pedophilia. This course will delve deeper into the novel's moral complexity, its international context, and its reflection in mass culture, including movies by Stanley Kubrick (1962) and Adrian Lyne (1997). Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** CMPL 477.

**RUSS 479. Tolstoy. 3 Credits.**

Study of the major works of Tolstoy and a survey of contemporary authors and literary trends relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**RUSS 486. Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015). 3 Credits.**

Using Alexievich as our beacon, we will explore the writers behind the term "Russian Women's Prose": Valeria Narbikova, Lyudmila Petrushevskaya, Tatyana Tolstaya, and Lyudmila Ulitskaya. The course will delve into gender identity and body politics as they manifest themselves in the literary texts of lasting aesthetic quality and social relevance. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** WGST 486, EURO 486.

**RUSS 490. Topics in Russian Culture. 3 Credits.**

Study of topics in Russian literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in Russian for qualified students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**RUSS 511. Russian Mass Media I. 3 Credits.**

Module 1. Fifth-year Russian, intended to expand and master the knowledge of the language necessary for understanding deep ongoing changes in different spheres of Russian society.

**Requisites:** Prerequisites, RUSS 411 and 412; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**RUSS 512. Russian Mass Media II. 3 Credits.**

Module 2. Fifth-year Russian, intended to expand and master the knowledge of the language necessary for understanding deep ongoing changes in different spheres of Russian society.

**Requisites:** Prerequisites, RUSS 411 and 412; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**RUSS 513. Russian Culture in Transition I. 3 Credits.**

Fifth-year Russian, intended to expand knowledge of the language necessary for understanding social changes that are taking place in Russian society, in literature, art, culture, and everyday human mentality.

**Requisites:** Prerequisite, RUSS 411; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**RUSS 514. Russian Culture in Transition II. 3 Credits.**

RUSS 513 is not a prerequisite. Fifth-year Russian, continuing with the theme of RUSS 513 offered in the fall semester.

**Requisites:** Prerequisite, RUSS 412; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**RUSS 562. Structure of Russian. 3 Credits.**

Examines Russian from the perspective of linguistic analysis. How do sounds, words, and sentences pattern in Russian? How do these compare with patterns in other languages? Also considers the influence of evidence from Russian on the development of linguistic theory.

**Requisites:** Prerequisite, LING 101 or RUSS 102; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** LING 562.

## SLAV–Slavic Undergraduate-level Courses

**SLAV 86. First-Year Seminar: Literature and Madness. 3 Credits.**

The seminar considers the relationship between literature and madness through the works of major Russian writers (Pushkin, Gogol, Dostoevsky, Turgenev, Chekhov, Nabokov).

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SLAV 101. Introduction to Slavic Civilizations: Peasants, Popes, and Party Hacks. 3 Credits.**

Introduction to the essentials of Slavic cultures, including religion, literature, history, art, cinema, folklore, geography, and music. Course materials include films, slides, and recordings. Lectures and readings in English.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**SLAV 248. Childhood and Adolescence in Slavic Literature. 3 Credits.**

Childhood and adolescence as portrayed in both fictional and autobiographical form by 19th- and 20th-century Russian, Polish, Czech, and other East European writers, including Tolstoy, Dostoevsky, Nabokov, I. B. Singer, Schulz, Milosz. Lectures and readings in English.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**SLAV 248H. Childhood and Adolescence in Slavic Literature. 3 Credits.**

Childhood and adolescence as portrayed in both fictional and autobiographical form by 19th- and 20th-century Russian, Polish, Czech, and other East European writers, including Tolstoy, Dostoevsky, Nabokov, I. B. Singer, Schulz, Milosz. Lectures and readings in English.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**SLAV 250. Introduction to Non-Russian Slavic/East European Culture. 3 Credits.**

Reading and discussion of selected authors in the target language aimed at improving reading and analytical skills and preparing the student for higher level work.

**Requisites:** Prerequisite, BULG 404, CZCH 404, HUNG 404, MACD 404, PLSH 404, or BCS 404; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SLAV 296. Directed Readings in a Slavic Language. 1-12 Credits.**

Permission of the instructor. Directed readings in a Slavic language other than Russian on topics in literature and linguistics not normally covered in scheduled courses.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****SLAV 464. Imagined Jews: Jewish Themes in Polish and Russian Literature. 3 Credits.**

Explores the fictional representation of Jewish life in Russia and Poland by Russian, Polish, and Jewish authors from the 19th century to the present. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** JWST 464.

**SLAV 469. Coming to America: The Slavic Immigrant Experience in Literature. 3 Credits.**

Fictional and autobiographical expressions of the Slavic and East European immigrant experience in the 20th century. Readings include Russian, Polish, Jewish, and Czech authors from early 1900s to present. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** JWST 469.

**SLAV 470. 20th-Century Russian and Polish Theater. 3 Credits.**

A comparative survey of the major trends in 20th-century Russian and Polish dramaturgy and theatrical production, with attention to aesthetic, professional, and political connections between the two. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SLAV 490. Topics in Slavic Culture. 3 Credits.**

Comparative study of topics in non-Russian Slavic literatures and culture not covered in any other course. Specific topics will vary and will be announced in advance. Taught in English; some foreign language readings for qualified students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**SLAV 580. East European Literary Criticism. 3 Credits.**

Survey of 20th-century Slavic literary criticism. Russian formalists, Bakhtin and his circle, Czech structuralists, Soviet semiotics. Emphasis on influence of Slavic criticism on development of Western literary criticism.

**Grading status:** Letter grade.

## Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration

**Contact Information**

**Department of Germanic and Slavic Languages and Literatures**

Visit Program Website (<http://gsll.unc.edu>)

426 Dey Hall, CB# 3160

(919) 966-1642

**Hana Pichova, Director of Undergraduate Studies**

[gsllidus@unc.edu](mailto:gsllidus@unc.edu)

**Valerie Bernhardt, Administrative Manager**

[gsll@unc.edu](mailto:gsll@unc.edu)

Multiple tracks for undergraduate study are available for students interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment; internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

**Department Programs****Majors**

- Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.–Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.–Slavic and East European Languages and Cultures Concentration (p. 573)

**Minors**

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Student Learning Outcomes

Upon completion of the Germanic and Slavic languages and literatures program, students should be able to:

- Communicate orally in the target language with native speakers on subjects pertaining to daily life as well as literature and culture
- Develop ideas for essays as well as draft, revise, and write coherent and well-reasoned essays on topics relevant to the discipline
- Interpret texts in the target language from a literary/cultural perspective

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
GSLI 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	3
Two departmental courses (six credit hours) in CZCH, GERM, GSLI, HUNG, or PLSH numbered above 200 (not including introductory or intermediate foreign language courses, and not including GSLI 252 or GSLI 278 or GSLI 280) <sup>1</sup>		6
Four additional courses (12 credit hours), which may include departmental courses in CZCH, GERM, GSLI, HUNG, or PLSH numbered above 200 (not including introductory or intermediate foreign language courses, and not including GSLI 252 or 278 or 280), or approved Central European studies electives (see list below) <sup>1</sup>		12
<b>Additional Requirements</b>		
Students must establish credit for level 4 of one Central European language: <sup>2,3</sup>		3
GERM 204	Advanced Intermediate German (or GERM 206) <sup>H</sup>	
CZCH 404	Intermediate Czech II	
HUNG 404	Intermediate Hungarian Language	
PLSH 404	Intermediate Polish II	
Students must establish credit for level 2 of an additional Central European language: <sup>3</sup>		6
GERM 102	Advanced Elementary German (or GERM 105) <sup>H</sup>	
CZCH 402	Elementary Czech II	

HUNG 402	Elementary Hungarian	
PLSH 402	Elementary Polish II	
Total Hours		33

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> GSLI 278 may be included as a major elective (for either category above) with permission of the director of undergraduate studies.

<sup>2</sup> The first three levels of the foreign language can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

<sup>3</sup> By exam credit (BE) and placement credit (PL) may be used.

## Approved Central European Studies Electives

Code	Title	Hours
ANTH 449	Anthropology and Marxism	3
ARTH 455	City, Architecture, Art: Nuremberg as a European Artistic Center, 1300-1600	3
CMPL/GERM 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
CMPL/GSLI 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
CMPL/GSLI 281	Holocaust Cinema in Eastern Europe	3
EURO 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GERM/WGST 250	Women in German Cinema	3
HIST 140	The World since 1945	3
HIST/EURO 159	From War to Prosperity: 20th-Century Europe	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 460	Late Medieval and Reformation Germany	3
HIST 461	Early Modern Germany, 1600-1815	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 466	Modern European Intellectual History	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST/JWST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3
HIST/JWST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3
HIST/JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HIST/JWST/ PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
HIST/POLI/EURO 257	Politics, Society, and Culture in Postwar Germany	3
JWST/GSLI/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
JWST/RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3



JWST/SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature	3
PHIL 224	Existential Philosophy <sup>H</sup>	3
PHIL 423	Kant's Theoretical Philosophy	3
PHIL 427	Hegel	3
PHIL 471	Hegel, Marx, and the Philosophical Critique of Society	3
POLI/PWAD/ SOCI 260	Crisis and Change in Russia and Eastern Europe	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- Students may petition the director of undergraduate studies to include other courses with significant Central European content.
- Only one of the following courses may count toward the major: GSLL 691H, GSLL 692H, or GSLL 693H.
- At least four of the above courses (12 credit hours) must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the relevant director of undergraduate studies about appropriate courses taken abroad for the major.
- Students may not re-enroll in a language course for which they have received PL or BE credit.

Germanic and Slavic Languages and Literatures course descriptions (p. 546) include:

- Germanic and Slavic Languages and Literatures (GSLL)
- Dutch (DTCH)
- German (GERM)
- Czech (CZCH)
- Hungarian (HUNG)
- Macedonian (MACD)
- Polish (PLSH)
- Russian (RUSS)
- Serbian and Croatian (SECR)
- Slavic (SLAV)

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLL 691H (honors reading and special studies) followed by GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in

the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards



their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC–Chapel Hill offers four semester-long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

# Germanic and Slavic Languages and Literatures Major, B.A. –German Literature and Culture Concentration

## Contact Information

Department of Germanic and Slavic Languages and Literatures  
Visit Program Website (<http://gsll.unc.edu>)  
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Valerie Bernhardt, Administrative Manager

[gsll@unc.edu](mailto:gsll@unc.edu)

Multiple tracks for undergraduate study are available for students interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment; internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.–Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.–Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Student Learning Outcomes

Upon completion of the Germanic and Slavic languages and literatures program, students should be able to:

- Communicate orally in the target language with native speakers on subjects pertaining to daily life as well as literature and culture
- Develop ideas for essays as well as draft, revise, and write coherent and well-reasoned essays on topics relevant to the discipline
- Interpret texts in the target language from a literary/cultural perspective

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of eight German courses (24 credit hours) beyond GERM 206. Five courses (15 credit hours) must be conducted in German (all 300-level GERM courses are conducted in German).		
GERM 301	Conversation and Composition	3
GERM 302	Contemporary German Society	3
GERM 303	Introduction to German Literature	3
Five additional courses (15 credit hours) selected in consultation with the director of undergraduate studies; these may be GERM courses numbered beyond GERM 206. <sup>1</sup>		15
<b>Additional Requirements</b>		
Students must establish credit for GERM 204 (or GERM 206) as a prerequisite for a German major concentration. Students who desire to pursue a major in a German concentration should have a grade of B or better in GERM 203 and GERM 204 (or in GERM 206).		
Three German LAC credit hours may be used as a substitute for one three-hour course taught in German for the major. (See "Opportunities" above.)		
Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the German major. However, DTCH 396 and DTCH 405 may be counted toward the German major as courses taught in the target language (i.e., not in English).		
At least four courses (12 credit hours) beyond GERM 206 must be taken at UNC-Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the director of undergraduate studies about appropriate courses taken abroad for the major.		
Total Hours		24

<sup>1</sup> GERM courses numbered above 399, or GSLL courses numbered above 200, may count toward the major with the approval of the director of undergraduate studies, who will note whether the course is taught in English or in German.

Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 301 and/or GERM 302 must substitute this credit with coursework (three credit hours each to replace GERM 301 and/or GERM 302) to complete the requirements for the concentration. The additional coursework must be numbered above GERM 303. Students may not re-enroll in a course for which they have received PL or BE credit.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSLL 691H	Honors Course	3
GSLL 692H	Honors Course	3
GSLL 693H	Honors Seminar	3

German (GERM) & Germanic and Slavic Languages and Literatures (GSLL) course descriptions (p. 546).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLL 691H (honors reading and special studies) followed by GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer

an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC–Chapel Hill offers four semester-long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department

faculty. Funding may be available through the Office of Undergraduate Research.

# Germanic and Slavic Languages and Literatures Major, B.A. – German Media, Arts, and Culture Concentration

## Contact Information

**Department of Germanic and Slavic Languages and Literatures**  
Visit Program Website (<http://gsll.unc.edu>)  
426 Dey Hall, CB# 3160  
(919) 966-1642

**Hana Pichova, Director of Undergraduate Studies**  
[gsllidus@unc.edu](mailto:gsllidus@unc.edu)

**Valerie Bernhardt, Administrative Manager**  
[gsll@unc.edu](mailto:gsll@unc.edu)

Multiple tracks for undergraduate study are available for students interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment; internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.–Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.–Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Student Learning Outcomes

Upon completion of the Germanic and Slavic languages and literatures program, students should be able to:

- Communicate orally in the target language with native speakers on subjects pertaining to daily life as well as literature and culture
- Develop ideas for essays as well as draft, revise, and write coherent and well-reasoned essays on topics relevant to the discipline
- Interpret texts in the target language from a literary/cultural perspective

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of eight courses (24 credit hours), four of which must be taught in German (all 300-level GERM courses are conducted in German)		
GERM 301	Conversation and Composition	3
GERM 302	Contemporary German Society	3
GERM 303	Introduction to German Literature	3
Two GERM courses focusing on media, arts, or culture, numbered above 206 and below 400 (excluding GERM 301–GERM 305, GERM 388, GERM 389, and GERM 396). Students should consult with the director of undergraduate studies to focus their choice of courses on a particular interest.		6
Three elective courses selected in consultation with the director of undergraduate studies from the list below. Students may also petition the director of undergraduate studies for approval of other suitable courses to count toward this requirement.		9
<b>Additional Requirements</b>		
Students must establish credit for GERM 204 (or GERM 206) as a prerequisite for a German major concentration. Students who desire to pursue a major in a German concentration should have a grade of B or better in GERM 203 and GERM 204 (or in GERM 206).		
Three German LAC credit hours may be used as a substitute for one three-hour course taught in German for the major. (See “Opportunities” above.)		
Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the German major. However, DTCH 396 and DTCH 405 may be counted toward the German major as courses taught in the target language (i.e., not in English).		
At least four courses (12 credit hours) beyond GERM 206 must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the director of undergraduate studies about appropriate courses taken abroad for the major.		
Total Hours		24

## Elective Courses

Code	Title	Hours
Any GERM course numbered beyond GERM 206 <sup>1</sup>		3
ARTH 272	Northern European Art: Van Eyck to Bruegel	3
ARTH 274	European Baroque Art	3
ARTH 275	18th-Century Art	3
ARTH 284	Modernism II: 1905-1960	3
ARTH 365	Late Medieval Art	3
ARTH 454	Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca.1130-1500	3
ARTH 455	City, Architecture, Art: Nuremberg as a European Artistic Center,1300-1600	3
ARTH 471	Northern European Art of the 14th and 15th Centuries	3
ARTH 472	Early Modern Art, 1400-1750 <sup>H</sup>	3
COMM 412	Critical Theory	3
COMM 413	Freud	3
CMPL 143	History of Global Cinema	3
CMPL 375	New Wave Cinema: Its Sources and Its Legacies	3
CMPL 411	Critical Theory	3
CMPL 458	Sense, Sensibility, Sensuality, 1740-1810	3
CMPL 460	Transnational Romanticism: Romantic Movements in Europe and the Americas	3
CMPL 468	Aestheticism	3
CMPL 470	Concepts and Perspectives of the Tragic	3
CMPL/GERM 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
EURO/HIST 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
GSLL 251	Ideology and Aesthetics: Marxism and Literature	3
GERM/WGST 220	Women in the Middle Ages	3
GERM/WGST 250	Women in German Cinema	3
GSLL 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
GSLL 284	Philosophy and the Arts	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 460	Late Medieval and Reformation Germany	3
HIST 461	Early Modern Germany, 1600-1815	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 466	Modern European Intellectual History	3
HIST/JWST 308	The Renaissance and the Jews	3
HIST/JWST/ PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
HIST/EURO/POLI 257	Politics, Society, and Culture in Postwar Germany	3
HIST/PWAD 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST/RELI 454	The Reformation	3



JWST/RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
MUSC 282	Bach and Handel	3
MUSC 283	Haydn and Mozart	3
MUSC 284	Beethoven and His Era	3
PHIL 224	Existential Philosophy <sup>H</sup>	3
PHIL 229	20th-Century Western Philosophy	3
PHIL 423	Kant's Theoretical Philosophy	3
PHIL 427	Hegel	3
PHIL 471	Hegel, Marx, and the Philosophical Critique of Society	3
RELI 522	19th-Century Critiques of Religion	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> GERM courses numbered above 399, or GSLL courses numbered above 200 that are not included in the above list, may count toward the major with the approval of the director of undergraduate studies, who will note whether the course is taught in English or in German.

Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 301 and/or GERM 302 must substitute this credit with coursework (three credit hours each to replace GERM 301 and/or GERM 302) to complete the requirements for the concentration. The additional coursework must be numbered above GERM 303. Students may not re-enroll in a course for which they have received PL or BE credit.

Students may petition the director of undergraduate studies to include other courses with significant German media, art, and/or cultural content.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSLL 691H	Honors Course	3
GSLL 692H	Honors Course	3
GSLL 693H	Honors Seminar	3

German (GERM) course descriptions (p. 546).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLL 691H (honors reading and special studies) followed by GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

## Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

## Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC-Chapel Hill offers four semester-



long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

# Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration

## Contact Information

**Department of Germanic and Slavic Languages and Literatures**  
Visit Program Website (<http://gsll.unc.edu>)  
426 Dey Hall, CB# 3160  
(919) 966-1642

**Hana Pichova, Director of Undergraduate Studies**  
[gsllidus@unc.edu](mailto:gsllidus@unc.edu)

**Valerie Bernhardt, Administrative Manager**  
[gsll@unc.edu](mailto:gsll@unc.edu)

Multiple tracks for undergraduate study are available for students interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment; internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Student Learning Outcomes

Upon completion of the Germanic and Slavic languages and literatures program, students should be able to:

- Communicate orally in the target language with native speakers on subjects pertaining to daily life as well as literature and culture
- Develop ideas for essays as well as draft, revise, and write coherent and well-reasoned essays on topics relevant to the discipline
- Interpret texts in the target language from a literary/cultural perspective

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
RUSS 409	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I	3
RUSS 410	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II	3
RUSS 415	Introduction to Russian Literature	3
RUSS 445	19th Century Russian Literature and Culture	3
RUSS 455	20th-Century Russian Literature and Culture	3
Four additional courses (12 credit hours) selected from Russian language and literature/culture courses (RUSS) <sup>1</sup>		12
<b>Additional Requirements</b>		
Students must establish credit for RUSS 204 as a prerequisite for a Russian major concentration.		
Students who desire to pursue a major concentration in Russian language and culture should have a grade of B or better in RUSS 203 and RUSS 204		
Other than the introductory and intermediate language courses mentioned above, at least four courses (12 credit hours) must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the relevant director of undergraduate studies about appropriate courses taken abroad for the major.		
Total Hours		27

<sup>1</sup> GSLL courses numbered above 200 may count toward the major with the approval of the director of undergraduate studies.

Students who receive placement credit (PL) or By-Examination credit (BE) for RUSS 409 and/or RUSS 410 must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the requirements for the concentration. Students may not re-enroll in a course for which they have received PL or BE credit.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSLL 691H	Honors Course	3
GSLL 692H	Honors Course	3
GSLL 693H	Honors Seminar	3

Russian (RUSS) and Germanic and Slavic Languages and Literatures (GSLL) course descriptions (p. 546).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer

with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLL 691H (honors reading and special studies) followed by GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

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The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

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## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

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Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

# Germanic and Slavic Languages and Literatures Major, B.A. – Slavic and East European Languages and Cultures Concentration

## Contact Information

**Department of Germanic and Slavic Languages and Literatures**  
Visit Program Website (<http://gsl.unc.edu>)  
426 Dey Hall, CB# 3160  
(919) 966-1642

**Hana Pichova, Director of Undergraduate Studies**  
[gslldus@unc.edu](mailto:gslldus@unc.edu)

**Valerie Bernhardt, Administrative Manager**  
[gsl@unc.edu](mailto:gsl@unc.edu)

Multiple tracks for undergraduate study are available for students interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment; internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.–German Media, Arts, and Culture Concentration (p. 568)
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- Germanic and Slavic Languages and Literatures Major, B.A.–Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Student Learning Outcomes

Upon completion of the Germanic and Slavic languages and literatures program, students should be able to:

- Communicate orally in the target language with native speakers on subjects pertaining to daily life as well as literature and culture

- Develop ideas for essays as well as draft, revise, and write coherent and well-reasoned essays on topics relevant to the discipline
- Interpret texts in the target language from a literary/cultural perspective

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One course demonstrating level 5 proficiency in a single target language:		3
BCS 405	Advanced Bosnian-Croatian-Serbian Language I	
CZCH 405	Advanced Czech I	
HUNG 405	Advanced Hungarian	
PLSH 405	Advanced Polish I	
RUSS 409	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I	
Two courses (six credit hours) of any other single Slavic/East European language		6
SLAV 250	Introduction to Non-Russian Slavic/East European Culture (or RUSS 250 for students with Russian as their first target language)	3
Four additional courses selected in consultation with the Slavic advisor from the Slavic/East European and Russian language and literature/culture courses (BCS, CZCH, HUNG, MACD, PLSH, RUSS, or SLAV) <sup>1</sup>		12
<b>Additional Requirements</b>		
Students must establish credit for level 4 of Bosnian-Croatian-Serbian (BCS 404), Czech (CZCH 404), Hungarian (HUNG 404), Polish (PLSH 404), or Russian (RUSS 204) as a prerequisite for a major concentration in Slavic and East European languages and cultures.		
Other than the introductory and intermediate language courses mentioned above, at least four courses (12 credit hours) must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the relevant director of undergraduate studies about appropriate courses taken abroad for the major.		
Total Hours		24

<sup>1</sup> GSLL courses numbered above 200 may count toward the major with the approval of the director of undergraduate studies.

Topics courses may be repeated for credit toward the major or minor.

Students interested in this concentration should have a grade of B or better in the intermediate-level course (203/204 or 403/404) in their first target language.

Students who receive placement credit (PL) or By-Examination credit (BE) for the courses in the first two core requirements above (the fifth-semester first-target-language requirement, as well as the two-course second-target-language requirement) must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the requirements for the concentration. Students may not re-enroll in a course for which they have received PL or BE credit.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSLL 691H	Honors Course	3
GSLL 692H	Honors Course	3
GSLL 693H	Honors Seminar	3

Germanic and Slavic Languages and Literatures course descriptions (p. 546) include:

- Germanic and Slavic Languages and Literatures (GSLL)
- Bosnian-Croatian-Serbian (BCS)
- Czech (CZCH)
- Dutch (DTCH)
- German (GERM)
- Hungarian (HUNG)
- Macedonian (MACD)
- Polish (PLSH)
- Russian (RUSS)
- Slavic (SLAV)

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLL 691H (honors reading and special studies) followed by GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other



languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

## Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC–Chapel Hill offers four semester-long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

## German Minor

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<http://gsll.unc.edu>)

426 Dey Hall, CB# 3160

(919) 966-1642

### Hana Pichova, Director of Undergraduate Studies

[gsllidus@unc.edu](mailto:gsllidus@unc.edu)

### Valerie Bernhardt, Administrative Manager

[gsll@unc.edu](mailto:gsll@unc.edu)

The Department of Germanic and Slavic Languages and Literatures conducts research and offers instruction in the languages, literatures, and cultures of central, northern, and eastern Europe and northern Asia.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 563)



- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
GERM 301	Conversation and Composition	3
GERM 302	Contemporary German Society	3
GERM 303	Introduction to German Literature	3
One additional course (3 credit hours) beyond GERM 206		3
Total Hours		12

- GERM courses numbered above 399 may count toward the minor with the approval of the director of undergraduate studies, who will note whether the course is taught in English or in German.
- GSLL courses numbered above 200 may count toward the minor with the approval of the director of undergraduate studies.
- Three German LAC credit hours may be used as a substitute for one three-hour course taught in German for the minor. (See “Opportunities” above.)
- Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the minor. However, DTCH 396 and DTCH 405 may be counted toward the minor as courses taught in the target language (i.e., not in English).
- Students must establish credit for GERM 204 (or GERM 206) as a prerequisite for a German minor.
- Students who desire to pursue a minor in German should have a grade of B or better in GERM 203 and GERM 204 (or in GERM 206).
- At least nine credit hours beyond GERM 206 must be taken at UNC–Chapel Hill to fulfill the requirements of the minor. Minors who study abroad or wish to transfer credit from another institution may

apply to transfer one course counting toward the minor. Before their departure for a study abroad program, students should consult the relevant director of undergraduate studies about appropriate courses taken abroad for the minor.

- Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 301 and/or GERM 302 must substitute this credit with coursework (three credit hours each to replace GERM 301 and/or GERM 302) to complete the requirements for the minor. The additional coursework must be numbered above GERM 303. Students may not re-enroll in a course for which they have received PL or BE credit.
- German (GERM) and Germanic and Slavic Languages and Literatures (GSLL) course descriptions (p. 546).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLL 691H (honors reading and special studies) followed by GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient

language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC–Chapel Hill offers four semester-long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a

popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

## Russian Culture Minor

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<http://gsll.unc.edu>)

426 Dey Hall, CB# 3160

(919) 966-1642

### Hana Pichova, Director of Undergraduate Studies

[gsllidus@unc.edu](mailto:gsllidus@unc.edu)

### Valerie Bernhardt, Administrative Manager

[gsll@unc.edu](mailto:gsll@unc.edu)

The Department of Germanic and Slavic Languages and Literatures conducts research and offers instruction in the languages, literatures, and cultures of central, northern, and eastern Europe and northern Asia.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of five RUSS courses (15 hours) covering any aspect of Russian language, literature, or culture. <sup>1</sup>		15
Total Hours		15

<sup>1</sup> The first two semesters of Russian (i.e., RUSS 101 and RUSS 102) may not be counted toward this minor.

- GSSL courses numbered above 200 may count toward the minor with the approval of the director of undergraduate studies.
- At least nine credit hours beyond RUSS 102 must be taken at UNC–Chapel Hill to fulfill the requirements of the minor. Minors who study abroad or wish to transfer credit from another institution may apply to transfer one course counting toward the minor. Before their departure for a study abroad program, students should consult the director of undergraduate studies about appropriate courses taken abroad for the minor.
- Students who receive placement credit (PL) or By-Examination credit (BE) for RUSS 203, RUSS 204, RUSS 409 and/or RUSS 410 must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the requirements for the minor. Students may not re-enroll in a course for which they have received PL or BE credit.

Russian (RUSS) course descriptions (p. 546).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSSL 691H (honors reading and special studies) followed by GSSL 692H (writing the honors thesis). When GSSL 693H is offered, the course replaces GSSL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

## Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

## Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC–Chapel Hill offers four semester-

long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

# Slavic and East European Languages and Cultures Minor

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<http://gsll.unc.edu>)

426 Dey Hall, CB# 3160

(919) 966-1642

### Hana Pichova, Director of Undergraduate Studies

[gsllidus@unc.edu](mailto:gsllidus@unc.edu)

### Valerie Bernhardt, Administrative Manager

[gsll@unc.edu](mailto:gsll@unc.edu)

The Department of Germanic and Slavic Languages and Literatures conducts research and offers instruction in the languages, literatures, and cultures of central, northern, and eastern Europe and northern Asia.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 563)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 566)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 568)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 571)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 573)

### Minors

- German Minor (p. 575)
- Russian Culture Minor (p. 577)
- Slavic and East European Languages and Cultures Minor (p. 579)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of five courses (15 hours) in BCS, CZCH, HUNG, MACD, PLSH, RUSS, or SLAV. <sup>1</sup>		15
Total Hours		15

<sup>1</sup> The first two semesters of any language may not be counted toward this minor (e.g., BCS 401/BCS 402, CZCH 401/CZCH 402, HUNG 401/HUNG 402, MACD 401/MACD 402, PLSH 401/PLSH 402, RUSS 101/RUSS 102).

- GSLL courses numbered above 200 may count toward the minor with the approval of the director of undergraduate studies.
- Students who receive placement credit (PL) or By-Examination credit (BE) for RUSS 203, RUSS 204, RUSS 409, or for the first five courses in BCS, CZCH, HUNG, or PLSH (401, 402, 403, 404, 405) must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the



requirements for the minor. Students may not re-enroll in a course for which they have received PL or BE credit.

- At least nine credit hours beyond the first two semesters of the language must be taken at UNC–Chapel Hill to fulfill the requirements of the minor. Students who study abroad or wish to transfer credit from another institution may apply to transfer one course counting toward the minor. Before their departure for a study abroad program, students should consult the director of undergraduate studies about appropriate courses taken abroad for the minor.
- Topics courses may be repeated for credit toward the major or minor.

Germanic and Slavic Languages and Literatures course descriptions (p. 546) include:

- Germanic and Slavic Languages and Literatures (GSLI)
- Bosnian-Croatian-Serbian (BCS)
- Czech (CZCH)
- Hungarian (HUNG)
- Macedonian (MACD)
- Polish (PLSH)
- Russian (RUSS)
- Slavic (SLAV)

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider taking honors during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Seniors who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the second semester of their junior year, and enroll during their senior year in GSLI 691H (honors reading and special studies) followed by GSLI 692H (writing the honors thesis). When GSLI 693H is offered, the course replaces GSLI 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv for information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor or seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or

Spektakl', featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; at the Vienna (Austria) University of Economics and Business Administration; at the Science Exchanges in Berlin or Jena (Germany) and Vienna; at the IES European Union Program in Freiburg (Germany); and at the IES Music Studies Program in Vienna. Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin or the IES program in Freiburg. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. An internship is also available in Dresden. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' Program "International Perspective on Sexuality and Gender." Exchange programs also are offered in Nijmegen and Groningen.

Students can study in semester or yearlong programs in Russia, including in Moscow, St. Petersburg, and Vladimir, while earning credit towards their Carolina degree. Students also may participate in the ACTR Moscow summer program in Russia. UNC–Chapel Hill offers four semester-long programs and one summer program in the Czech Republic. For more information about these and other programs in eastern and central Europe, go to [studyabroad.unc.edu](http://studyabroad.unc.edu). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

### Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German but associated with a variety of courses offered in English by other academic departments. German language recitation sections may also be scheduled in conjunction with several of the department's courses offered in English. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).



## **Undergraduate Awards**

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## **Undergraduate Research**

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

# CURRICULUM IN GLOBAL STUDIES

## Contact Information

### Curriculum in Global Studies

Visit Program Website (<http://globalstudies.unc.edu>)  
FedEx Global Education Center, Suite 2200, CB# 3263

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### Michal Osterweil, Internship Coordinator

[osterwei@email.unc.edu](mailto:osterwei@email.unc.edu)

### Zach Ward, Student Services Specialist

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### Diana Devereaux, Business Services Coordinator

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## Introduction

Globalization of the economy, cross-cultural relations, international media, ecological crises, and political transformations are all making global studies more important today. The Curriculum in Global Studies offers an interdisciplinary program of study focusing on these and many other issues. It draws on courses throughout the social sciences, humanities, and professional schools and offers students the chance to concentrate on an area of the world and a theme of global significance.

Students prepare for careers in business, diplomacy, international aid, economic development, and other forms of public service. The global studies major is also excellent preparation for graduate school in one of the social sciences, in professions such as law, business, and journalism, or in international affairs and area studies.

Facebook: [facebook.com/UNCGlobalStudies](https://www.facebook.com/UNCGlobalStudies) (<http://facebook.com/UNCGlobalStudies>)

Twitter: [twitter.com/UNC\\_GlobalCurr](https://twitter.com/UNC_GlobalCurr) ([http://twitter.com/UNC\\_GlobalCurr](http://twitter.com/UNC_GlobalCurr))

## Advising

All majors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The curriculum's director of undergraduate studies works with current and prospective majors by appointment (see "Contact Information" above) to discuss major requirements, how study abroad credits transfer into the major, and other issues of relevance to global studies. Further information on courses, the honors program, internships, and more are available on the curriculum's Web site (<http://globalstudies.unc.edu>).

## Graduate School and Career Opportunities

Global studies majors are prepared for a wide variety of careers in business, education, diplomacy, international aid and economic

development, and other forms of public service. The major is also excellent preparation for graduate school in one of the social sciences; in professions such as law, business, or journalism; or in international affairs and area studies. Career resources can be found through University Career Services (<https://careers.unc.edu>) and on the curriculum's Web site (<http://globalstudies.unc.edu>).

### Major

- Global Studies Major, B.A. (p. 585)

### Graduate Programs

- Global Studies M.A. (<http://catalog.unc.edu/graduate/schools-departments/global-studies/#programstext>)

## Professors

Liesbet Hooghe (Political Science), Georges Nzongola-Ntalaja (African, African American, and Diaspora Studies), Elizabeth Olson (Geography), John Pickles (Geography), Andrew Reynolds (Political Science), Graeme Robertson (Political Science).

## Associate Professors

Inger Brodey (English and Comparative Literature), Chad Bryant (History), Renée Alexander Craft (Communication), Mark Driscoll (Asian Studies), Banu Gökarişel (Geography), Nina Martin (Geography), Christopher Nelson (Anthropology), Eunice Sahle (African, African American, and Diaspora Studies), Iqbal Singh Sevea (History), Mark Sorensen (Anthropology), Meenu Tewari (City and Regional Planning), Michael Tsin (History), Milada A. Vachudova (Political Science).

## Assistant Professors

Fadi Bardawil (Asian Studies), Lucy Martin (Political Science), Townsend Middleton (Anthropology), Michael Morgan (History), Brigitte Seim (Public Policy), Angela Stuesse (Anthropology).

## Adjunct Assistant Professors

Hannah Gill (Institute for the Study of the Americas), Niklaus Steiner (Center for Global Initiatives).

## Teaching Associate Professors

Erica Johnson (Global Studies), Michal Osterweil (Global Studies), Jonathan Weiler (Global Studies).

## GLBL—Global Studies

### Undergraduate-level Courses

**GLBL 88. First-Year Seminar: Beg, Borrow, and Steal: The Political Economy of Aid, FDI, and Corruption. 3 Credits.**

This seminar examines how politics and economics condition different countries' path towards and experience with foreign aid, foreign investment, and corruption. In doing so, the course will examine the effect of political conditions on economic outcomes and the effect of economic conditions on political outcomes.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**GLBL 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GLBL 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**GLBL 110. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 110, PWAD 110.

**GLBL 110H. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 110H, PWAD 110H.

**GLBL 181. Teaching Great Decisions. 1 Credit.**

Permission of the department. This course gives credit to the Great Decisions coordinating committee for organizing the eight lectures in GLBL 381.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**GLBL 193. Global Studies Internship. 1 Credit.**

Internship in a sponsoring organization whose work or mission is meaningfully connected to a global studies topic.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**GLBL 196. Independent Study. 1-12 Credits.**

Permission of the instructor. Reading and research on special topics in global studies.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GLBL 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** ANTH 210, GEOG 210, HIST 210, POLI 210.

**GLBL 281. Phillips Ambassadors Program. 3 Credits.**

This academic course is mandatory for Phillips Ambassadors. Course open only to Phillips Ambassadors.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**GLBL 290. Current Topics in Global Studies. 0.5-21 Credits.**

An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.

**Grading status:** Letter grade.

**GLBL 381. Great Decisions. 1 Credit.**

Eight evening guest lectures, with a discussion session after each, on eight issues in current foreign policy. May be repeated for credit. Students may not receive credit for both GLBL 381 and POLI 381.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**GLBL 382. Latin American Migrant Perspectives: Ethnography and Action. 3 Credits.**

This class combines fieldwork, oral history, and service learning in a course that examines concepts of globalization, migration, and transnationalism, and their intersections with anthropological theory and practice.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**GLBL 383. Global Whiteness. 3 Credits.**

This course looks at race as a theory and practice as it has been constructed in academic disciplines, popular culture, and social struggle.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**GLBL 390. Current Topics in Global Studies. 3 Credits.**

Topics vary from semester to semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**GLBL 394. Great Decisions and International Relations. 2 Credits.**

Pre- or This course links the Great Decisions lecture series with readings and analyses of international relations. Its purpose is to provide the students on the Great Decisions coordinating committee with a practical and intellectual engagement with United States foreign policy and global issues.

**Requisites:** co-requisite, GLBL 381.

**Repeat rules:** May be repeated for credit. 6 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**Advanced Undergraduate and Graduate-level Courses****GLBL 401. Paradigms of Development and Social Change. 3 Credits.**

This course aims to develop a critical perspective on development – understood as a cultural logic and a discreet set of practices and policies – so that we can better contribute to positive social change. Through course material and service learning, students develop an understanding of the relationship between development projects and emancipatory frameworks.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**GLBL 401H. Paradigms of Development and Social Change. 3 Credits.**

This course aims to develop a critical perspective on development – understood as a cultural logic and a discreet set of practices and policies – so that we can better contribute to positive social change. Through course material and service learning, students develop an understanding of the relationship between development projects and emancipatory frameworks.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**GLBL 405. Comparative Political Economics of Development. 3 Credits.**

Political, economic dynamics of selected countries in Asia, Latin America, Caribbean, and Africa.

**Grading status:** Letter grade.

**GLBL 406. Transitions to Democracy. 3 Credits.**

Transitions to liberal democratic political structures in Latin America, Asia, Africa, and the former Soviet bloc.

**Grading status:** Letter grade.

**GLBL 413. Capitalism and Climate in the Anthropocene, 1500-present. 3 Credits.**

This course will focus on the relation of capitalism and anthropogenic climate change from the 16th to 21st centuries. We will feature an interdisciplinary lens (e.g., philosophy, feminist geography, cultural anthropology) that will analyze how the anthropocentric subject of the enlightenment separated itself from its natural environment.

**Requisites:** Prerequisite, GBL 210.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**GLBL 415. Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization. 3 Credits.**

Recommended preparation, GBL 210. This course is dedicated to understanding how sameness and difference are used and contested globally, in particular through the criminal justice system and its intersection with race and capitalism. The course pays particular attention to popular social movement responses, and what they say to theories of difference, globalization, and social change.

**Gen Ed:** GL, US.

**Grading status:** Letter grade.

**GLBL 450. Social Change in Times of Crisis: Knowledge, Action, and Ontology. 3 Credits.**

Examines dominant, alternative, and emergent narratives of change and the future from around the world. Takes as a premise that we live in a period of multidimensional crises characterized by uncertainty and conflict about how to pursue sustainable economic, ecological, political, social, and cultural projects.

**Grading status:** Letter grade.

**GLBL 470. Globalization and Childhood. 3 Credits.**

Surveys major issues in the interdisciplinary study of globalization and the lives of children. Course themes include children's rights, migration, child labor, exploitation, transnational adoption, inequality, the growth of consumerism and consumption, and children in crisis and conflict situations.

**Grading status:** Letter grade.

**GLBL 481. NGO Politics. 3 Credits.**

This course will investigate how nongovernmental organizations emerge, how they structure their organizations, how they function, and how they influence public policy.

**Grading status:** Letter grade.

**GLBL 481H. NGO Politics. 3 Credits.**

This course will investigate how nongovernmental organizations emerge, how they structure their organizations, how they function, and how they influence public policy.

**Grading status:** Letter grade.

**GLBL 482. Soviet and Post-Soviet Politics and Institutions. 3 Credits.**

This course is an introduction to the history and contemporary politics of the post-Soviet region and explores topics of religious, ethnic, and identity politics; international influences; and civil society and social movements.

**Grading status:** Letter grade.

**GLBL 482H. Soviet and Post-Soviet Politics and Institutions. 3 Credits.**

This course is an introduction to the history and contemporary politics of the post-Soviet region and explores topics of religious, ethnic, and identity politics; international influences; and civil society and social movements.

**Grading status:** Letter grade.

**GLBL 483. Comparative Health Systems. 3 Credits.**

This course provides students with an understanding of the origins and comparative performance of a range of international healthcare systems.

**Grading status:** Letter grade.

**GLBL 483H. Comparative Health Systems. 3 Credits.**

This course provides students with an understanding of the origins and comparative performance of a range of international healthcare systems.

**Grading status:** Letter grade.

**GLBL 484. History and Politics of Central Asia. 3 Credits.**

This course is an introduction of the history, politics, and societies of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. The class explores the foundations and conditions of change in the modern history of these societies and investigates how these issues influence contemporary politics.

**Grading status:** Letter grade.

**GLBL 485. Comparative Development. 3 Credits.**

This course is an APPLES service-learning course whose goal is to integrate real-world experience working with development-oriented organizations, theoretical discussions about the origins and evolution of development thinking, and exposure to the challenges facing practitioners of development, in some of its many substantive and geographical contexts.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**GLBL 486. Sports and Globalization. 3 Credits.**

This course explores some of the relationships between sports and globalization and will delve into sports as an important social and cultural practice within larger social, cultural, and political forces shaping studies of globalization.

**Grading status:** Letter grade.

**GLBL 486H. Sports and Globalization. 3 Credits.**

This course explores some of the relationships between sports and globalization and will delve into sports as an important social and cultural practice within larger social, cultural, and political forces shaping studies of globalization.

**Grading status:** Letter grade.

**GLBL 487. Social Movements: Rethinking Globalization. 3 Credits.**

This course explores the history, objectives, and manifestations of global social movements.

**Grading status:** Letter grade.

**GLBL 487H. Social Movements: Rethinking Globalization. 3 Credits.**

This course explores the history, objectives, and manifestations of global social movements.

**Grading status:** Letter grade.

**GLBL 488. International Migration and Citizenship. 3 Credits.**

This class explores the moral, economic, political, and cultural dimensions of movements across international borders.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**GLBL 489. Paradigms of Development and Social Change. 3 Credits.**

By deliberately juxtaposing questions of global development with an investigation of approaches in community organizing locally—both through course material and service-learning assignments—the course encourages students to develop a more critical understanding of the relationship between development projects and emancipatory frameworks.

**Gen Ed:** BN, EE- Service Learning.

**Grading status:** Letter grade.

**GLBL 490. Current Topics. 3 Credits.**

Current topics in international and area studies. Topics vary by semester.

**Grading status:** Letter grade.

**GLBL 491H. Major Controversies in Human Rights. 3 Credits.**

A forum for exploring conceptual and practical problems related to the emergence of a global human rights regime after World War II. The course analyzes relevant arguments, and students will consider whether it is possible to construct a coherent, workable, universally accepted system for articulating and enforcing human rights norms.

**Grading status:** Letter grade.

**GLBL 492H. Global Food Films. 3 Credits.**

Thinking about one of our most basic human needs illuminates aspects of our own everyday lives, such as our relationship to nature, other cultures, and to history, as well as our general assumptions about humanity. Students will study films that explore cross-cultural differences in the social and philosophical understandings of what it is to be human.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**GLBL 560. Human Rights, Ethics, and Global Issues. 3 Credits.**

This seminar examines the political, economic and intellectual developments that led to the emergence of human rights as a global phenomenon historically and in the current phase of globalization. Also engages with debates concerning the role of human rights as an ethical philosophy in thinking through global issues.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**GLBL 691H. Honors in Global Studies. 3 Credits.**

Permission of the instructor. Preparation for writing the honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**GLBL 692H. Honors in Global Studies. 3 Credits.**

Permission of the instructor. Completion of the honors thesis and an oral examination of the thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Global Studies Major, B.A.

### Contact Information

**Curriculum in Global Studies**

Visit Program Website (<http://globalstudies.unc.edu>)  
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The Curriculum in Global Studies offers an interdisciplinary undergraduate major that draws on courses from the social sciences, humanities, and professional schools. It provides students the chance to explore issues of global significance, their application in specific geographic areas, and the differing impact of these global dynamics across world regions, through engagement with crucial issues of the movement of money, people, and ideas on a global scale.

### Student Learning Outcomes

Upon completion of the global studies program, students should be able to:

- Demonstrate facility with a range of approaches to knowledge typically found in global studies
- Discuss current academic perspectives on central global and trans-cultural issues
- Discuss major themes and movements in area studies and link them to a broader global perspective
- Construct logical and coherent arguments to support their analysis of global and trans-cultural issues from a diversity of perspectives (e.g. international politics, global economics, transnational culture, global health and environment)

### Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).



Code	Title	Hours
<b>Core Requirements</b>		
GLBL 210	Global Issues and Globalization	3
Two core courses, each from a different department:		6
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	
ANTH 380	Anthropological Perspectives on Cultural Diversity	
ARTH 150	World Art <sup>H</sup>	
ASIA/RELI 180	Introduction to Islamic Civilization	
ASIA/RELI 181	Modern Muslim Societies	
COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	
DRAM 117	Perspectives in World Drama <sup>H</sup>	
ECON 360	Survey of International and Development Economics <sup>H</sup>	
ENEC 201	Introduction to Environment and Society <sup>H</sup>	
ENGL 141	World Literatures in English	
GEOG 121	Geographies of Globalization	
GEOG 123	Cultural Geography	
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	
GEOG 212	Environmental Conservation and Global Change	
GEOG 232	Agriculture, Food, and Society	
GEOG/PWAD 120	World Regional Geography	
HIST 140	The World since 1945	
LING/GSLL 306	Language and Nationalism	
MEJO 446	Global Communication and Comparative Journalism	
MUSC 146	Introduction to World Musics	
PHIL/POLI/PWAD 272	The Ethics of Peace, War, and Defense	
PLCY 110	Global Policy Issues <sup>H</sup>	
POLI 130	Introduction to Comparative Politics <sup>H</sup>	
POLI 150	International Relations and World Politics <sup>H</sup>	
SOCI 111	Human Societies	
SOCI 121	Population Problems	
SOCI 133	Sociology of Politics	
SOCI/WGST 124	Sex and Gender in Society	
WGST 281	Gender and Global Change	
Four courses from one of the following thematic areas <sup>1</sup>		12
Three courses from one of the following world areas <sup>1</sup>		9
<b>Additional Requirements</b>		
Credit for six levels of modern language study. <sup>2</sup>		9-10
<b>Total Hours</b>		<b>39-40</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Of the seven courses in the thematic and world area concentrations, five must be numbered 200 and above.

<sup>2</sup> Students may choose six levels of one language or four levels of one language and two of another. The primary language must be relevant to the declared world area concentration. The curriculum urges students to continue the study of a foreign language to a level as close as possible to fluency. The first three levels of a foreign language can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

## Thematic Areas

### International Politics, Nation-States, Social Movements

Code	Title	Hours
AAAD 101	Introduction to Africa	3
AAAD 307	21st-Century Scramble for Africa	3
AAAD 315	Political Protest and Conflict in Africa	3
AAAD 316	Public Policy and Development in Africa	3
AAAD 403	Human Rights: Theories and Practices in Africa	3
AMST 277	Globalization and National Identity <sup>H</sup>	3
ANTH 130	Anthropology of the Caribbean	3
ANTH 280	Anthropology of War and Peace	3
ANTH 319	Global Health	3
ANTH 360	Latin American Economy and Society	3
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH 468	State Formation	3
ARTH/HIST 514	Monuments and Memory	3
ASIA 243	Asian Societies/Study Abroad Program	3
ASIA/HIST/PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
ASIA 300/RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
COMM 376	The Rhetoric of War and Peace	3
COMM 390	Special Topics in Communication Study	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/PLCY 520	Environment and Development	3
ENEC/POLI 254	International Environmental Politics	3
ENGL 365	Migration and Globalization <sup>H</sup>	3
GEOG 423	Social Geography	3
GEOG 435	Environmental Politics	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 453	Political Geography	3
GEOG 460	Geographies of Economic Change	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GLBL 383	Global Whiteness	3
GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization	3
GLBL 450	Social Change in Times of Crisis: Knowledge, Action, and Ontology	3
GLBL 481	NGO Politics <sup>H</sup>	3
GLBL 487	Social Movements: Rethinking Globalization <sup>H</sup>	3
GLBL 491H	Major Controversies in Human Rights	3

GSLL/LING 306	Language and Nationalism	3
HIST 276	The Modern Middle East	3
HIST 570	The Vietnam War	3
HIST 577	United States Foreign Relations in the 20th Century	3
LING 543	Language in Politics	3
MEJO 446	Global Communication and Comparative Journalism	3
MUSC 291	Music and Politics	3
POLI 130	Introduction to Comparative Politics <sup>H</sup>	3
POLI 131	Political Change and Modernization	3
POLI 231	Latin America and the United States in World Politics	3
POLI 235	The Politics of Russia and Eurasia <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI 238	Contemporary Latin American Politics <sup>H</sup>	3
POLI 239	Introduction to European Government <sup>H</sup>	3
POLI 252	International Organizations and Global Issues <sup>H</sup>	3
POLI 253	Problems in World Order	3
POLI 260	Crisis and Change in Russia and Eastern Europe	3
POLI 431	African Politics and Societies	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3
POLI 442	International Political Economy	3
POLI 443	American Foreign Policy: Formulation and Conduct	3
POLI 444	Terrorism and International Peace	3
POLI 448	The Politics of Multilevel Governance	3
POLI 449	Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
POLI 457	International Conflict Processes	3
POLI 470	Social and Political Philosophy <sup>H</sup>	3
POLI 471	Contemporary Political Thought <sup>H</sup>	3
POLI/PWAD 150	International Relations and World Politics <sup>H</sup>	3
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
PLCY 520	Environment and Development	3
PWAD 252	International Organizations and Global Issues <sup>H</sup>	3
PWAD 350	Introduction to Peace and Security Studies	3
PWAD 352	The History of Intelligence Operations	3
RELI 181	Modern Muslim Societies	3
SOCI 111	Human Societies	3
SOCI 121	Population Problems	3
SOCI 133	Sociology of Politics	3
SOCI 274	Social and Economic Justice	3
SOCI 453	Social Change in Latin America	3
SOCI 481	Managing International Conflict	3
WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 410	Comparative Queer Politics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Global Economics, Trade, Development

Code	Title	Hours
AAAD 212	Africa in the Global System	3
AAAD 307	21st-Century Scramble for Africa	3
ANTH 103	Anthropology of Globalization	3
ANTH 320	Anthropology of Development	3
ANTH 468	State Formation	3
BUSI 611	International Development	3
BUSI 617	Global Marketing	3
ECON 267	Comparative Economic Systems	3
ECON 360	Survey of International and Development Economics <sup>H</sup>	3
ECON 434	History of Economic Doctrines	3
ECON 450	Health Economics: Problems and Policy	3
ECON 454	Economics of Population	3
ECON 460	International Economics	3
ECON 461	European Economic Integration	3
ECON 465	Economic Development	3
ECON 468	Principles of Soviet and Post-Soviet Economic Systems	3
ECON 469	Asian Economic Systems	3
ECON 560	Advanced International Economics	3
GEOG 428	Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 453	Political Geography	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3
GEOG 460	Geographies of Economic Change	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
PLCY 520	Environment and Development	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3
POLI 442	International Political Economy	3
SOCI 450	Theory and Problems of Developing Societies	3
SOCI 453	Social Change in Latin America	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Global Health and Environment

Code	Title	Hours
ANTH 147	Comparative Healing Systems	3
ANTH 151	Anthropological Perspectives on Food and Culture	3
ANTH 238	Human Ecology of Africa	3
ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
ANTH 318	Human Growth and Development	3
ANTH 319	Global Health	3
ANTH 470	Medicine and Anthropology	3
ANTH 473	Anthropology of the Body and the Subject	3

ANTH 525	Culture and Personality	3	ANTH 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3	ANTH 429	Culture and Power in Southeast Asia	3
ANTH/WGST 445	Migration and Health	3	ANTH 435	Consciousness and Symbols	3
ENEC 370	Agriculture and the Environment <sup>H</sup>	3	ANTH 477	Visual Anthropology	3
ENEC 510	Policy Analysis of Global Climate Change	3	ANTH 525	Culture and Personality	3
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3	ARTH 153	Introduction to South Asian Art	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3	ARTH 155	African Art Survey	3
ENEC/PLCY 520	Environment and Development	3	ARTH 157	Introduction to Latin American Visual Culture	3
ENEC/POLI 254	International Environmental Politics	3	ARTH 456	Art and Visual Culture of South Asia	3
ENGL 268	Medicine, Literature, and Culture <sup>H</sup>	3	ARTH/HIST 514	Monuments and Memory	3
ENVR 600	Environmental Health	3	ASIA 150	Asia: An Introduction	3
ENVR 610	Global Perspectives on Environmental Health Inequalities	3	ASIA/RELI 183	Asian Religions	3
GEOG 222	Health and Medical Geography	3	CMPL 143	History of Global Cinema	3
GEOG 237	Natural Resources	3	COMM 574	War and Culture	3
GEOG 269	Human-Environment Interactions in the Galapagos Islands	3	DRAM 486	Latin American Theatre	3
GEOG 334	Human Ecology of Health and Disease	3	ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
GEOG 435	Environmental Politics	3	FOLK 525	Culture and Personality	3
GEOG 446	Geography of Health Care Delivery	3	FREN 375	Francophone Literature and Film	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3	FREN 377	The Evolution of Frenchness since WWII	3
GEOG/ENEC 451	Population, Development, and the Environment	3	GEOG 56	First-Year Seminar: Local Places in a Globalizing World	3
GLBL 483	Comparative Health Systems <sup>H</sup>	3	GEOG 447	Gender, Space, and Place in the Middle East	3
HPM 660	International and Comparative Health Systems	3	GEOG 452	Mobile Geographies: The Political Economy of Migration	3
MHCH 610	Issues in Maternal and Child Health	3	GLBL 383	Global Whiteness	3
PLCY 480	Environmental Decision Making	3	GLBL 486	Sports and Globalization <sup>H</sup>	3
PLCY 565	Global Health Policy	3	GLBL 492H	Global Food Films	3
PUBH 510	Interdisciplinary Perspectives in Global Health	3	GSSL/PWAD 467	Language and Political Identity	3
SOCI 469	Health and Society	3	MEJO 446	Global Communication and Comparative Journalism	3
WGST 388	The International Politics of Sexual and Reproductive Health	3	MUSC 146	Introduction to World Musics	3
WGST 610	Feminism, Sexuality, and Human Rights	3	MUSC 258	Musical Movements: Migration, Exile, and Diaspora	3
			RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
			RELI 284	The Buddhist Tradition: East Asia	3
			RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
			RELI 428	Religion and Anthropology <sup>H</sup>	3
			SLAV 101	Introduction to Slavic Civilizations: Peasants, Popes, and Party Hacks	3
			SPAN 344	Latin@ American Cultural Topics	3
			WGST 124	Sex and Gender in Society	3
			WGST 410	Comparative Queer Politics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Transnational Cultures, Identities, Arts

Code	Title	Hours
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
AAAD 284	Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD/WGST 200	Gender and Sexuality in Africa	3
ANTH 102	Introduction to Cultural Anthropology	3
ANTH 103	Anthropology of Globalization	3
ANTH 123	Habitat and Humanity	3
ANTH 147	Comparative Healing Systems	3
ANTH 259	Culture and Identity	3
ANTH 280	Anthropology of War and Peace	3
ANTH 284	Culture and Consumption	3
ANTH 320	Anthropology of Development	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## World Areas

### Africa

Code	Title	Hours
AAAD 101	Introduction to Africa	3
AAAD 200	Gender and Sexuality in Africa	3

AAAD 201	Introduction to African Literature	3
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
AAAD 212	Africa in the Global System	3
AAAD 214	Africa through the Ethnographic Lens	3
AAAD 301	Contemporary China-Africa Relations	3
AAAD 307	21st-Century Scramble for Africa	3
AAAD 315	Political Protest and Conflict in Africa	3
AAAD 316	Public Policy and Development in Africa	3
AAAD 318	Politics of Art in Africa	3
AAAD 320	Music of Africa	3
AAAD 400	The Challenges of Democratic Governance in Africa	3
AAAD 414	Senegalese Society and Culture	3
AAAD 421	Introduction to the Languages of Africa	3
AAAD 487	Intellectual Currents in African and African Diaspora Studies	3
ANTH 226	The Peoples of Africa	3
ANTH 238	Human Ecology of Africa	3
ARTH 255	African Art and Culture	3
HIST 130	Modern African History	3
HIST 279	Modern South Africa <sup>H</sup>	3
POLI 431	African Politics and Societies	3
WGST/HIST 313	Women and the Law in Africa and the Middle East	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Asia

Code	Title	Hours
ANTH 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH/ASIA 545	The Politics of Culture in East Asia	3
ANTH/ASIA 574	Chinese World Views	3
ASIA 150	Asia: An Introduction	3
ASIA 183	Asian Religions	3
ASIA 231	Bollywood Cinema	3
ASIA 243	Asian Societies/Study Abroad Program	3
ASIA 244	Asian History/Study Abroad Program	3-6
ASIA 261	India through Western Eyes	3
ASIA 331	Cracking India: Partition and Its Legacy in South Asia	3
ASIA 333	The Mahabharata: Remembered and Reimagined	3
ASIA 586	The Gardens, Shrines, and Temples of Japan	3
ASIA/HIST 133	Introduction to Chinese History	3
ASIA/RELI 183	Asian Religions	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
CHIN 354	Chinese Culture through Calligraphy	3

CHIN 463	Narrative Ethics in Modern China	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3
HIST 134	Modern East Asia	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
HIST 287	Japan's Modern Revolution	3
HIST 288	Japan in the 20th Century	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3
JAPN 162	Japanese Popular Culture	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3
RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3

## Latin America

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 278	Black Caribbeans in the United States	3
AAAD 460	Race, Culture, and Politics in Brazil	3
ANTH 360	Latin American Economy and Society	3
ANTH/FOLK 130	Anthropology of the Caribbean	3
GEOG 259	Geography of Latin America	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3
GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
HIST 175H	Honors Seminar in Latin American History	3
HIST 242	United States-Latin American Relations	3
HIST 528	Guerrillas and Counterinsurgencies in Latin America	3
HIST 532	History of Cuba	3
HIST 533	History of Brazil	3
LTAM 101	Introduction to Latin American Studies	3
MEJO 447	International Media Studies	3
MUSC 147	Introduction to the Music of the Américas	3
POLI 231	Latin America and the United States in World Politics	3
POLI 238	Contemporary Latin American Politics <sup>H</sup>	3
POLI 434	Politics of Mexico	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
PORT 370	Modern Brazil through Literature and Film in Translation	3
PORT 375	Portuguese and Brazilian Fiction in Translation	3
PORT 387	Brazilian Religious Movements through Film and Literature	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3
SOCI 453	Social Change in Latin America	3

SPAN 344	Latin@ American Cultural Topics	3
WGST 280	Women and Gender in Latin American History	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
WGST 388	The International Politics of Sexual and Reproductive Health	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Middle East

Code	Title	Hours
ARAB 337	Borders and Walls in the Arab World	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA/HIST/ PWAD 277	The Conflict over Israel/Palestine	3
GEOG 447	Gender, Space, and Place in the Middle East	3
HIST 276	The Modern Middle East	3
JWST 107	Introduction to Modern Judaism	3
RELI 64	First-Year Seminar: Reintroducing Islam	3
RELI 180	Introduction to Islamic Civilization	3
RELI 181	Modern Muslim Societies	3
RELI 385	Modern Muslims and the Qur'an	3
RELI 480	Modern Muslim Literatures	3
RELI 581	Sufism	3
RELI 583	Religion and Culture in Iran, 1500-Present	3
RELI 584	The Qur'an as Literature	3
SOCI 419	Sociology of the Islamic World	3

## Western Europe and the European Union

Code	Title	Hours
ANTH 377	European Societies	3
ARTH 152	History of Western Art II <sup>H</sup>	3
ARTH 283	Picturing Paris: 1800-2000	3
CMPL/EURO/ FREN 332H	Cultural Diversity in Francophone Cinema	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
DRAM 286	Modern Irish Drama	3
DRAM 289	Contemporary Irish Drama <sup>H</sup>	3
DTCH 405	Topics in Dutch Culture: A Literary Survey	3
ECON 461	European Economic Integration	3
ENGL 278	Irish Writing, 1800-2000	3
EURO/HIST 159	From War to Prosperity: 20th-Century Europe	3
FREN 350	Advanced Oral and Written French	3
FREN 372	Survey of French Literature III	3
FREN 373	French New Wave Cinema	3
FREN 377	The Evolution of Frenchness since WWII	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GERM 280	20th-Century German Philosophy and Modern Youth Cultures	3
GERM 302	Contemporary German Society	3

GERM 350	Modern German Literature	3
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
GSLL 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
HIST/EURO/POLI 257	Politics, Society, and Culture in Postwar Germany	3
HIST 259	Towards Emancipation? Women in Modern Europe	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3
ITAL 330	Italian Civilization I	3
ITAL 333	Italian Film and Culture	3
ITAL 335	Themes in Italian Film	3
ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
ITAL 398	Undergraduate Seminar in Italian	3
POLI 232H	Politics of the United Kingdom	3
POLI 239	Introduction to European Government <sup>H</sup>	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3
POLI 630	Political Contestation in Europe	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3
ROML 56	First-Year Seminar: Italians in Search of Harmony	3
SPAN 340	Iberian Cultural Topics	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Russia and Eastern Europe

Code	Title	Hours
HIST 161	Russia Becomes an Empire	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
POLI 235	The Politics of Russia and Eurasia <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI/PWAD 469 H	Conflict and Intervention in the Former Yugoslavia	3
POLI/PWAD/ SOCI 260	Crisis and Change in Russia and Eastern Europe	3
RUSS 273	Russian Culture and Society: 1890-1917	3
RUSS 274	Russian Literature from the Revolution to Today	3
RUSS 469	Bulgakov	3
SLAV 248	Childhood and Adolescence in Slavic Literature <sup>H</sup>	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Additional Information

The curriculum urges that in addition to fulfilling requirements, students continue the study of a foreign language to a level as close as possible



to fluency. All majors should also make every effort to include a study abroad program in their undergraduate education, preferably in their sophomore or junior year.

Students must complete all General Education requirements. No courses fulfilling major requirements may be taken Pass/Fail.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
Foreign language level 1 (language 1)		4
Foreign language level 2 (language 1)		4
Core course #1		3
Hours		11
<b>Sophomore Year</b>		
GLBL 210	Global Issues and Globalization <sup>1</sup>	3
Foreign language level 3 (language 1)		3
Foreign language level 4 (language 1)		3
Core course #2		3
Theme/area course (2 courses)		6
Hours		18
<b>Junior Year</b>		
Foreign language level 5 (language 1) OR foreign language level 1 (language 2)		3
Foreign language level 6 (language 1) OR foreign language level 2 (language 2)		3
Theme/area courses (3 courses)		9
Hours		15
<b>Senior Year</b>		
Theme/area courses (2 courses)		6
Hours		6
Total Hours		50

<sup>1</sup> This is just a recommendation. GLBL 210 can be an appropriate course for first-year students.

## Special Opportunities in Global Studies

### Honors in Global Studies

Honors study involves the completion of a substantial piece of original research and the formal presentation of the results in an honors thesis and oral defense. Those who successfully complete the program are awarded their B.A. degree with either honors or highest honors in global studies. Students who wish to submit a thesis for honors in global studies must have at least a 3.3 cumulative grade point average and, under normal circumstances, a 3.5 grade point average in the major and must enroll in GLBL 691H and GLBL 692H. GLBL 692H may count toward the major as a theme or area studies course with departmental approval.

GLBL 691H will count as elective credit only. Each prospective honors student must submit a two- to three-page prospectus outlining his/her project in the spring of their junior year. Students accepted into the global studies honors program will enroll in GLBL 691H in the fall of their senior year and GLBL 692H in the spring of their senior year.

### Study Abroad (recommended, but optional)

Global studies majors are encouraged to gain experiential knowledge of the countries and thematic concerns they are studying through participation in an approved study abroad program appropriate to their areas of concentration. Every effort will be made by the curriculum to integrate study abroad courses into the major. Students must receive course approval from the director of undergraduate studies prior to departure for a program abroad. No credit will be given unless programs are preapproved.

### Undergraduate Awards

All majors in the Curriculum in Global Studies who study abroad are considered for two study abroad awards that are presented each year. These funds may be used to defray any expenses associated with studying abroad.

The Michael L. and Matthew L. Boyatt Award Fund provides several meritorious awards each year of no more than \$2,500 each. They are designated for majors who want to participate in a study abroad program pertinent to their area of concentration within global studies.

The Laura Hudson Richards Fund provides one award of \$2,500 each year to a major in the Curriculum in Global Studies who demonstrates both academic excellence and financial need.

In addition, each spring the curriculum awards the Douglas Eyre Prize to the student writing the best honors thesis. The curriculum also selects an annual recipient of the Anne Scaff Award for service to the curriculum and for internationalizing the College. Students chosen to receive the Eyre Prize and Scaff Award are recognized at the curriculum's spring commencement ceremony.

# DEPARTMENT OF HEALTH POLICY AND MANAGEMENT

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## Contact Information

### Department of Health Policy and Management

Visit Program Website (<http://www.sph.unc.edu/hpm>)

Rosenau Hall, CB# 7411

(919) 966-4609

### Morris Weinberger, Chair

[mweinber@email.unc.edu](mailto:mweinber@email.unc.edu)

### Kristin Reiter, Associate Chair

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### Rebecca Slifkin, Associate Chair

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### Karl Umble, Program Director

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### Jackie Siler, Student Services/Assistant Registrar

[jsiler@email.unc.edu](mailto:jsiler@email.unc.edu)

### Lynnette Jones, Student Services Manager/Registrar

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## Introduction

The mission of the BSPH program in health policy and management is to improve the health of individuals and communities and reduce health inequities in the United States and abroad by educating future health leaders, managers, policymakers, practitioners, and researchers. Our graduates will excel in a broad range of positions and graduate and professional degree programs. Our vision is to foster high quality, accessible, and affordable health systems that achieve optimal population health in North Carolina, the United States, and around the world.

## Advising

All students are assigned a faculty advisor in the department. Faculty advisors work collaboratively with the program director, office of student services, and career services coordinator to support students' academic, professional development, and career services needs.

## Graduate School and Career Opportunities

The program prepares students for both entry-level positions and advanced degree programs. Graduates obtain positions in a variety of organizations, such as health care consulting firms (e.g., McKinsey, Deloitte, Huron, EY), hospitals (UNC Hospitals, Mt. Sinai), health systems (UNC Healthcare, Duke, Emory), physician practices (Anesthesiology Associates), local governmental public health departments, federal government agencies (Centers for Disease Control), health research organizations (Research Triangle Institute), community health organizations (community health centers), health insurance companies (Blue Cross/Blue Shield of N.C.), health technology organizations (Epic), universities (UNC, Yale), associations (Children's Hospital Association), start-ups (Towerview Health), and global health organizations (Peace Corps, Global Health Corps, USAID, CDC).

Graduates also regularly pursue advanced degrees at some of the world's most highly regarded universities in a range of fields, such as healthcare management, public health (e.g. health policy, health behavior and education, epidemiology, global health), public policy, medicine, dentistry, pharmacy, business administration, law, and accounting. They commonly do this either right after graduation, or after a few years in the workplace following graduation.

### Major

- Health Policy and Management Major, B.S.P.H. (p. 596)

## Professors

Ethan Basch, Peggye Dilworth-Anderson, Marisa E. Domino, George Holmes, Jessica Lee, Jonathan Oberlander, George Pink (Distinguished), Kristin Reiter, Sally C. Stearns, Morris Weinberger (Distinguished).

## Associate Professors

Kristen Hassmiller Lich, Bruce J. Fried, Mark Holmes, Paula Song, Justin Trogdon, Stephanie Wheeler, Benjamin White.

## Assistant Professors

Bryon Powell, Leah Frerichs, Cleo Samuel, Christopher M. Shea, Sean Sylvia.

## Research Professors

Sheila Leatherman, R. Gary Rozier.

## Research Associate Professor

Antonia Bennett.

## Research Assistant Professors

Sarah Birken, Angela Stover.

## Professors of the Practice

Leah Devlin, Sandra Greene, Pam Silberman.

## Adjunct Professors

Amy Abernethy, Stuart Altman, William K. Atkinson II, Suzanne Babich, Edward Baker, Deborah Bender, Hayden Bosworth, Fred T. Brown Jr., Young Moon Chae, Samuel Cykert, Edward Dauer, Steven Garfinkel, Robert Greczyn, Wayne Holden, Donald Holzworth, Samuel Jackson, Joan Krause, Jennifer Lafata, Kathleen Lohr, Matthew Maciejewski, Barbara Mark, Gene Mathews, Noel Mazade, John O'Donnell, Carmen Odom, Krista Perreira, Joe Piemont, Janet Porter, Bryce Reeve, Daniel Reuland, Thomas Ricketts, Jeffrey Runge, Richard Saver, Betsy Sleath, Kevin Sowers, Jeffrey Swanson, Judith Tintinalli, Wendee Wechsberg, Jane Weintraub, Rebecca Wells, Bryan Weiner.

## Adjunct Associate Professors

Andrea Biddle, William Carpenter, Dorothy Cilenti, Steven Cline, Megan Davies, Travis Day, Spencer Dorn, Nancy Henley, Frederick Homan, George Jackson, Melissa Kaluzny, Clara Lee, Jennifer Leeman, Matthew Maciejewski, Michael Markowitz, Lauren McCormack, Lori McLeod, Julie Sakowski, Lucy Savitz, Richard Scoville, Asheley Skinner, Harsha Thirumurthy.

## Adjunct Assistant Professors

Oscar Aylor, Nicole Bates, Chris Beadles, Paul Bednar, Diane Bloom, Lisa Bourget, Colleen Bridger, Timothy Carney, Carolyn Carpenter, Daniel Carter, Rachel Caspar, Michaela Dinan, Shellie Ellis, Jeff Federspiel, Erin Fraher, Laura Gerald, Benjamin Gilber, Aimee McHale, Susan Helm-Murtagh, Susan Hogue, George Jackson, Dio Kavalieratos, Lisa Koonin, Lara Lorenzetti, Lukasz Mazur, Aaron McKethan, Felicia Mebane, Benjamin Meier, L. Douglas Melton, Kathleen Miller, Matthew Neilsen, Stephen Orton, Michael Park, Eugene Pinder, Stephanie Poley, Jim Porto, David Potenziani, Andrea Radford, Adam Searing, Thomas Stanley, Daniel Stevens, Scott Stewart, Karen Stitzenberg, Michael Stobbe, Kathleen Thomas, Laurel Trantham, Gary West, John Wiesman, Leah Zullig.

## Adjunct Instructors

Eddie Alcorn, Dawn Carter, J. Michael Collins, Randall Egsegian, Franklin Farmer, Eric Griffin, Amy Ising, Lawrence K. Mandelkehr, Donald Markle, Drake Maynard, Anne McGeorge, Michael Patterson, Robert Patterson, Patricia Pozella, Marjorie Satinsky, Fred Sexton, Jeff Strickler, Eric Walker, Cameron Wolfe.

## Clinical Professor

John Paul.

## Clinical Associate Professors

Dean Harris, Rebecca Slifkin.

## Clinical Assistant Professors

Alyssa Damon, Jeffrey Simms, Steve Sloate, Margaret Thomas, Karl Umble, John Waters.

## Teaching Assistant Professor

William B. Gentry.

## Lecturers

Jay Levy, Sanford West.

## Professors Emeriti

Edward Brooks, Laurel Files, Sagar Jain, Arnold Kaluzny, Kerry Kilpatrick, Peggy Leatt, Joe Morrissey, William Zelman.

## HPM—Health Policy and Management Undergraduate-level

### HPM 310. Introduction to Law and Ethics in Health Management. 3 Credits.

An introduction to health law and ethics for health administration undergraduate seniors.

**Requisites:** Prerequisite, HPM 350.

**Grading status:** Letter grade.

### HPM 320. Introduction to Strategic Planning and Marketing. 3 Credits.

An introduction to the development and implementation of strategic planning and marketing processes in health care organizations.

**Grading status:** Letter grade.

### HPM 330. Introduction to Health Organization Leadership, Management, and Behavior. 3 Credits.

Team-based service learning in a hospital, health center, or other organization to facilitate learning about leading teams, organizations, partnerships, and global initiatives. Change, conflict, human resources, and other topics are addressed through readings, cases, reflections, and guest practitioners.

**Grading status:** Letter grade.

### HPM 340. Foundations of Health Care Financial Management. 3 Credits.

Permission of the instructor for nonmajors. Basic methods and techniques in financial management of health care programs, including financial statement analysis, cost determination and allocation, pricing of services, and budgeting.

**Requisites:** Prerequisite, BUSI 101.

**Grading status:** Letter grade.

### HPM 341. Information Systems, Technology, and Tools. 3 Credits.

The purpose of this course is to enhance students' understanding of information systems and technology in health care, specifically focusing on the limitations of such technology. Students will be introduced to MS Excel and MS Access and shown how tools within these programs can help to mitigate some of the limitations.

**Grading status:** Letter grade.

### HPM 350. Introduction to Health Services Systems. 3 Credits.

HPM 350 and 352 provide an overview of the United States health system. HPM 350 reviews the organization, management, and financing of the United States health system and the resources required to provide health services. Both courses introduce students to careers in the field of health policy and management.

**Gen Ed:** US.

**Grading status:** Letter grade.

### HPM 351. Politics, Public Health, and Health Policy. 3 Credits.

Restricted to HPM B.S.P.H. students. This course explores the politics of public health and health care policy in the United States, with a focus on current issues and controversies.

**Grading status:** Letter grade.

### HPM 352. Introduction to Health Services Systems II. 3 Credits.

HPM 352, in conjunction with HPM 350, provides an overview of the United States health services system, including such topics as quality of care and managed care. The course also introduces students to careers in the field of health policy and management and helps students develop necessary communication skills.

**Grading status:** Letter grade.

### HPM 393. Field Training in Health Policy and Management. 2 Credits.

Restricted to HPM B.S.P.H. students. Required of all B.S.P.H. students in HPM. The first six weeks of a supervised 12-week administrative internship in a health care organization.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 2 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level

### HPM 420. Community and Public Health Security: Disasters, Terrorism, and Emergency Management. 3 Credits.

This course examines systems for emergency management at federal, state, and local levels. The roles of emergency management, health services, and public health in disaster management are also reviewed. Every other week, evening online sessions required with instructors.

**Grading status:** Letter grade.

**HPM 422. Emergency Management I: Analytic Methods. 3 Credits.**

Introduction of analytical tools to assess, evaluate, map, and investigate disasters (including biological outbreaks). These tools will be used to improve planning and evaluation of disaster management programs. Every other week, evening online sessions required with instructors.

**Grading status:** Letter grade.

**HPM 423. Emergency Management II: Disaster Management. 3 Credits.**

Explores issues of preparedness, response, recovery, mitigation, and research in disaster management. Students will participate in evacuation decision making, volunteer management, and the development of a disaster exercise. Every other week, evening online sessions required with instructors.

**Grading status:** Letter grade.

**HPM 435. Marketing for Not-for-Profit Organizations. 3 Credits.**

Permission of the instructor. Application of basic principles of marketing and marketing decision models to problems in health care and other not-for-profit organizations.

**Grading status:** Letter grade.

**HPM 472. Program Evaluation. 3 Credits.**

Concepts and methods of the program evaluation paradigm as applied in health administration.

**Grading status:** Letter grade.

**HPM 496. Readings in Health Policy and Management. 0.5-3 Credits.**

Directed readings or research. Written reports are required.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 550. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers.

**Grading status:** Letter grade

**Same as:** MEJO 560, HBEH 660.

**HPM 550H. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers.

**Grading status:** Letter grade

**Same as:** MEJO 560H, HBEH 660H.

**HPM 551. Environmental and Science Video Storytelling. 3 Credits.**

Students work in teams to produce, shoot, script, and report environmental, science, and medical stories for broadcast on "Carolina Week", the award-winning, student-produced television newscast.

**Grading status:** Letter grade

**Same as:** MEJO 561, HBEH 561.

**HPM 552. Environmental and Science Documentary Television. 3 Credits.**

Students work in teams to conceive, produce, and script mini-documentaries on environmental and science topics for broadcast on North Carolina Public Television.

**Grading status:** Letter grade

**Same as:** MEJO 562, HBEH 562.

**HPM 560. Media and Health Policy. 3 Credits.**

Introduces students to news media organizations and their role in health policy development. Students will learn how to evaluate media content and strategies and to effectively communicate via mass media.

**Grading status:** Letter grade.

**HPM 563. Advanced Health Policy Analysis. 3 Credits.**

The course is for master's and doctoral students interested in health policy. The course is intended to go beyond an introduction to policy analysis to a discussion and exploration of theories of policy analysis in a context of competing democratic ethics and values.

**Grading status:** Letter grade.

**HPM 565. Global Health Policy. 3 Credits.**

Coursework will focus on public policy approaches to global health, employing interdisciplinary methodologies to understand selected public health policies, programs, and interventions. For students who have a basic understanding of public health.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** PLCY 565.

**HPM 571. Health and Human Rights. 3 Credits.**

Course focuses on rights-based approaches to health, applying a human rights perspective to selected public health policies, programs, and interventions. Students will apply a formalistic human rights framework to critical public health issues, exploring human rights as both a safeguard against harm and a catalyst for health promotion.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** PLCY 570.

**HPM 600. Introduction to Health Policy and Management. 3 Credits.**

This course provides an overview of the United States health care system. Students will explore the system's organization, financing, management, resources, and performance. For each topic, they will analyze relevant legislation and discuss current issues. Students will develop skills in policy research and analysis, health care system evaluation, and basic financial literacy.

**Grading status:** Letter grade.

**HPM 601. Issues in Health Care. 1 Credit.**

Lectures on current topics in health care.

**Grading status:** Letter grade.

**HPM 602. Concurrent Practice. 1-3 Credits.**

Permission of the program director. Supervised activities in an approved health organization, to include one or more specific projects, approved by HPM faculty member and directed by an approved preceptor/mentor in the organization.

**Grading status:** Letter grade.

**HPM 605. Practice Application Journaling I. 0.5 Credits.**

This course is the first of six field-based Journal Practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Repeat rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 606. Practice Application Journaling II. 0.5 Credits.**

This course is the second of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Requisites:** Prerequisite, HPM 605.

**Repeat rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading status:** Letter grade.



**HPM 607. Practice Application Journaling III. 0.5 Credits.**

This course is the third of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Repeat rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 608. Practice Application Journaling IV. 0.5 Credits.**

This course is the fourth of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Repeat rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 609. Practice Application Journaling V. 0.5 Credits.**

This course is the fifth of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Repeat rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 610. Practice Application Journaling VI. 0.5 Credits.**

This course is the sixth and final of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Repeat rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 611. Public Health Concepts in a Systems Context. 3 Credits.**

This course develops systems reasoning in health policy and management students through the application of systems techniques and systems thinking to core public health concepts in health policy and management, environmental health, epidemiology, and health behavior and health education.

**Grading status:** Letter grade.

**HPM 620. Implementing Health Informatics Initiatives. 3 Credits.**

Focuses on implementing informatics programs and projects in health organizations. Informatics initiatives aim to facilitate effective information use for the purpose of improving the quality of health services and/or efficiency of processes. Therefore, these initiatives have implications for various stakeholder groups, including consumers, practitioners, administrators, and policy makers.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 630. IHI Course in Healthcare Quality Improvement. 1.5 Credit.**

The IHI Certificate demonstrates an investment in further education and a strong knowledge base in quality improvement. Upon completion of this course, students will have met the requirements for the IHI Open School Certificate and participated in two in-person sessions.

**Grading status:** Letter grade.

**HPM 634. Public Health Issues in Community Preparedness and Disaster Management. 3 Credits.**

Examines conventional public health constructs of community preparedness and disaster management. Includes a review of traditional and emerging literature. Emphasizes conceptual development and application of adaptive leadership strategies.

**Grading status:** Letter grade

**Same as:** PWAD 634.

**HPM 640. LEAN/Six Sigma I for Health Policy and Management. 1 Credit.**

This course is an introduction to Lean Six-Sigma. Students will be exposed to continuous quality improvement (CQI) methods based on Toyota Production System (TPS or Lean) and Six-Sigma philosophy, methods, and tools.

**Grading status:** Letter grade.

**HPM 641. LEAN/Six Sigma II for Health Policy and Management. 1 Credit.**

This project-based course explores the phases of Six-Sigma approach to continuous quality improvement: define, measure, analyze, improve, and control (DMAIC). The overall objective of this course is to help students understand the challenges and pitfalls involved in completing a DMAIC project to drive change at organizational, unit, and individual levels.

**Requisites:** Prerequisite, HPM 640.

**Grading status:** Letter grade.

**HPM 660. International and Comparative Health Systems. 3 Credits.**

Methods of comparing health systems, examinations of related national health systems, and analysis of related high prevalence health issues.

**Grading status:** Letter grade.

**HPM 664. Globalization and Health. 3 Credits.**

Globalization—its economic, environmental, political, technological, institutional, and sociocultural dimensions—historically and currently contributes to beneficial and adverse effects on population, community, and family and individual health.

**Grading status:** Letter grade

**Same as:** MHCH 664.

**HPM 671. Statistical Methods for Health Policy and Management. 3 Credits.**

Introduction to statistical analysis for healthcare settings using an Excel framework. Topics include variable types, sampling, probability distributions, descriptive statistics, hypothesis testing, categorical data analysis, ANOVA, and introduction to regression methods. Previously offered as HPM 470.

**Grading status:** Letter grade.

**HPM 690. Special Topics in Health Policy and Management. 0.5-3 Credits.**

Special topics course for health policy and management undergraduate students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading status:** Letter grade.

**HPM 691H. Honors Research. 3 Credits.**

Required preparation, approved cumulative grade point average by the end of the junior year. Readings and seminars for undergraduates showing potential and talent for research. Students will design an independent research project, write a proposal, and complete an IRB application toward partial completion of an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.



**HPM 692H. Independent Honors Research. 3 Credits.**

Permission of the instructor. Students collect data, analyze and report findings, and make recommendations to complete an honor thesis and present findings in presentation/poster format.

**Requisites:** Prerequisite, HPM 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**HPM 697. B.S.P.H. Capstone. 3 Credits.**

The capstone course is an "integrative exercise" for B.S.P.H. students prior to graduation. It is intended to simulate the integration of various disciplines—finance, human resources, ethics, policy, operations, and information technology—into a comprehensive and practical framework. Students work with healthcare organizations to solve financial or operational problems.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

## Health Policy and Management Major, B.S.P.H.

### Contact Information

#### Department of Health Policy and Management

Visit Program Website (<http://www.sph.unc.edu/hpm>)

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The mission of the B.S.P.H. program in health policy and management is to improve the health of individuals and communities and reduce health inequities in the United States and abroad by educating future health leaders, managers, policymakers, practitioners, and researchers. Our graduates will excel in a broad range of positions and graduate and professional degree programs. Our vision is to foster high quality, accessible, and affordable health systems that achieve optimal population health in North Carolina, the United States, and around the world.

The curriculum is designed to help students develop the following competencies: health industry knowledge; communication and teamwork skills; research, analysis, and problem-solving skills; business skills, including financial management, human resources management, information management, strategic planning and

marketing, organizational understanding, and leadership; health law and ethics; policy; and professionalism.

Admission (p. 932) to the program is required.

## Student Learning Outcomes

Upon completion of the health policy and management program (B.S.P.H.), students should be able to:

- Demonstrate knowledge of the health industry, including current policies and trends in healthcare, public health, and health policies
- Apply effective communication, teamwork, and consulting skills; create effective products for organizations
- Demonstrate and apply research, analysis, and problem-solving skills to public health problems
- Demonstrate and apply skills in financial management and information management to public health problems
- Demonstrate and apply skills in strategic planning and marketing to public health problems
- Demonstrate and apply skills in leadership, management, and organizational understanding to public health problems
- Demonstrate the ability to communicate public health information, in both oral and written forms, through a variety of media and to diverse audiences
- Demonstrate the ability to locate, use, evaluate, and synthesize public health information
- Demonstrate understanding and skills in the core public health domains: statistics, epidemiology, environmental health, and social and behavioral science
- Apply skills in professionalism: Develop effective working relationships, effective business communication, job search, interviewing, resume development, and other related skills

## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill.

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Public Health Core Courses: <sup>1</sup>		
BIOS 600	Principles of Statistical Inference	3
ENVR 600	Environmental Health	3
EPID 600	Principles of Epidemiology for Public Health	3
HBEH 600	Social and Behavioral Sciences in Public Health	3
Other Core Courses: <sup>1</sup>		
HPM 310	Introduction to Law and Ethics in Health Management	3
HPM 320	Introduction to Strategic Planning and Marketing	3
HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3

HPM 340	Foundations of Health Care Financial Management	3
HPM 341	Information Systems, Technology, and Tools	3
HPM 350	Introduction to Health Services Systems	3
HPM 351	Politics, Public Health, and Health Policy	3
HPM 352	Introduction to Health Services Systems II	3
HPM 393	Field Training in Health Policy and Management (requires a \$400.00 field training fee)	2
HPM 697	B.S.P.H. Capstone	3
<b>Additional Requirements<sup>2</sup></b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
ECON 101	Introduction to Economics <sup>H</sup>	3
STOR 155	Introduction to Data Models and Inference	3
or ECON 400	Introduction to Statistics and Econometrics	
One of the following financial or managerial accounting courses:		1.5-4
BUSI 101	Management Accounting	
BUSI 102	Financial Accounting	
BUSI 106	Financial Accounting CS	
BUSI 107	Management Accounting SS	
BUSI 108	Management Accounting CS	
BUSI 407	Financial Accounting and Analysis	
One of the following courses (or credit by examination):		3
MATH 130	Precalculus Mathematics	
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	
STOR 112	Decision Models for Business	
STOR 113	Decision Models for Business and Economics	
<b>Total Hours</b>		<b>55.5-58</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Requires a grade of C (not C-) or better

<sup>2</sup> Prerequisites for admission to the B.S.P.H. program in health policy and management

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4

ECON 101	Introduction to Economics <sup>H</sup>	3
Hours		7
<b>Sophomore Year</b>		
STOR 155	Introduction to Data Models and Inference	3
or ECON 400	or Introduction to Statistics and Econometrics	
BUSI 102	Financial Accounting	1.5
or BUSI 101	or Management Accounting	
or BUSI 106	or Financial Accounting CS	
or BUSI 107	or Management Accounting SS	
or BUSI 108	or Management Accounting CS	
or BUSI 407	or Financial Accounting and Analysis	
MATH 130	Precalculus Mathematics	3
or MATH 152	or Calculus for Business and Social Sciences	
or MATH 231	or Calculus of Functions of One Variable I	
or MATH 232	or Calculus of Functions of One Variable II	
or MATH 233	or Calculus of Functions of Several Variables	
or STOR 112	or Decision Models for Business	
or STOR 113	or Decision Models for Business and Economics	
Hours		7.5
<b>Junior Year</b>		
<b>Fall Semester</b>		
HPM 341	Information Systems, Technology, and Tools	3
HPM 350	Introduction to Health Services Systems	3
BIOS 600	Principles of Statistical Inference <sup>1</sup>	3
Hours		9
<b>Spring Semester</b>		
HPM 320	Introduction to Strategic Planning and Marketing	3
HPM 340	Foundations of Health Care Financial Management	3
HPM 352	Introduction to Health Services Systems II	3
ENVR 600	Environmental Health <sup>1</sup>	3
Hours		12
<b>Senior Year</b>		
<b>Fall Semester</b>		
HPM 393	Field Training in Health Policy and Management <sup>2</sup>	2
HPM 310	Introduction to Law and Ethics in Health Management	3
HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
HPM 691H	Honors Research (optional elective)	3
EPID 600	Principles of Epidemiology for Public Health <sup>1</sup>	3
Hours		14
<b>Spring Semester</b>		
HPM 351	Politics, Public Health, and Health Policy	3
HPM 697	B.S.P.H. Capstone	3

HPM 692H	Independent Honors Research (optional elective)	3
HBEH 600	Social and Behavioral Sciences in Public Health <sup>1</sup>	3
Hours		12
Total Hours		61.5

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> BIOS 600, ENVR 600, EPID 600, and HBEH 600 may be taken in any semester.

<sup>2</sup> HPM 393 is completed during the summer term between the Junior and Senior year.

## Special Opportunities in Health Policy and Management

### Honors in Health Policy and Management

Students who meet the eligibility criteria are invited to participate in the two-semester honors research program in their senior year. HPM 691H is offered as a seminar in the fall semester. HPM 692H is offered as a seminar in the spring semester. Students defend their proposals in the fall and their theses in the spring.

### School and Departmental Involvement

Opportunities exist for involvement in student organizations such as the Healthcare Executives Student Association, the Healthcare Improvement Group, the Student Global Health Committee, GlobeMed, AcademyHealth, the Minority Student Caucus, the Committee on Diversity and Inclusion, and the school's student government. In addition, students have volunteered to help with the management of the Student Health Action Coalition (SHAC), a student-run health care clinic. Finally, students are invited to join the department's B.S.P.H. Student Board. This organization helps plan and coordinate professional development and social events and promotes the program across campus.

### Experiential Education

Each student in the program is required to complete a 10-week (400-hour minimum) internship during the summer between the junior and senior years. In addition, some health policy and management courses provide the opportunity for students to work on service-learning and consulting projects with health organizations in the community.

### Study Abroad

Students are encouraged to study abroad prior to entering the program in the junior year. While in the program, students may complete their 10-week (400-hour minimum) internship in a country other than the United States.

### Undergraduate Awards

The department presents awards for undergraduate students at an annual Awards Day in late spring.

### Undergraduate Research

Students with research interests may seek opportunities to work with faculty members on research projects. In addition, those who meet eligibility requirements may pursue honors thesis research.

# DEPARTMENT OF HISTORY

## Contact Information

### Department of History

Visit Program Website (<http://history.unc.edu>)

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## Introduction

The study of history is an essential part of a liberal arts education and offers valuable preparation for many careers: in law, journalism, libraries, and museums; in local, state, and national public service; in business; in international work; and, of course, in historical research and teaching. More broadly, by an exposure to a variety of cultures and human experience and by training in the interpretation of conflicting evidence, the Department of History seeks to prepare a person for the responsibilities of citizenship and for dealing with the ambiguities of human existence. Diversity in the history major program encourages a comparative approach to human problems and discourages parochialism; specialization in the program promotes an appreciation of the complexity of human affairs and the difficulties involved in interpreting them. Finally, the discipline of history stimulates imagination and analytical thinking.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisors and review their Tar Heel Trackers each semester. The Department of History offers students numerous advising resources to assist them with all things related to studying history at UNC–Chapel Hill, from making the initial decision to become a history major or minor to thinking about what to do after they complete their degree. Although history majors are not assigned individual faculty advisors, they are strongly encouraged to seek out the advice of their professors during office hours, especially if they are considering an independent study project, senior honors thesis, or applying for graduate study. The department's lecturer/advisor serves as a general advising resource for all history majors and minors as well as first- and second-year students who are considering a major in history.

## Graduate School and Career Opportunities

Most history majors at UNC–Chapel Hill develop careers that do not involve practicing history in its narrow sense. These students work in a range of fields: business, law, journalism, education, and government, for example. These students have found that they can apply to many different tasks the skills that history teaches: analyzing, conceptualizing, investigating, researching, interpreting large amounts of information, as well as communicating through writing and speaking.

Many history majors enter professional schools in a number of different areas. Law school, business school, and medical school rank high in popularity. By teaching students how to analyze problems, how to understand society and human behavior, and how to communicate effectively, a major in history provides excellent preparation for enrollment in a professional school.

Some majors end up using history directly in their vocations. Those who wish to teach history at the secondary level in public schools must obtain appropriate certification, usually through an M.A.T. degree. Other students pursue graduate study by entering a master's degree program in history that requires a thesis and takes about two years to complete. A student can then decide whether to proceed into a Ph.D. program, which normally requires an additional two years of study and the completion of a doctoral dissertation. Students who decide to pursue a Ph.D. in history generally teach at the college level. Some complete a master's degree in public history and work for government archives at the national, state, or local levels or for private nonprofit organizations, such as groups interested in restoration work.

### Major

- History Major, B.A. (p. 620)

### Minors

- History Minor (p. 627)
- Medieval and Early Modern Studies (MEMS) Minor (p. 627)

### Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)
- Ph.D. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)

## Professors

Cemil Aydin, William A. Barney, W. Fitzhugh Brundage, Marcus G. Bull, Melissa M. Bullard, Kathryn J. Burns, John C. Chasteen, Peter A. Coclanis, Kathleen DuVal, William R. Ferris, Joseph T. Glatthaar, Karen Hagemann, Konrad H. Jarausch, Lloyd S. Kramer, Klaus W. Larres, Wayne E. Lee, James L. Leloudis, Lisa A. Lindsay, Genna Rae McNeil, Louise McReynolds, Fred S. Naiden, Susan D. Pennybacker, Louis A. Pérez, Cynthia Radding, Donald J. Raleigh, Donald M. Reid, Sarah D. Shields, Jay M. Smith, Richard J. A. Talbert, Zaragosa Vargas, Harry L. Watson.

## Associate Professors

Chad Bryant, Flora Cassen, Erik Gellman, Jerma A. Jackson, Michelle T. King, Miguel A. La Serna, Malinda Maynor Lowery, Terence V. McIntosh, Iqbal Sevea, John W. Sweet, Michael Tsin, Benjamin Waterhouse, Brett E. Whalen.

## Assistant Professors

Karen Auerbach, Emma Flatt, Lauren Jarvis, Michael Morgan, William Sturkey, Eren Tasar, Katherine Turk, Molly Worthen.

## Lecturers

Matthew Andrews, Joseph W. Caddell.

## Joint Professors

Robert C. Allen, Emily Burrill, Morgan J. Pitelka, Daniel J. Sherman.

## Adjunct Professor

Kenneth Janken.

## Adjunct Associate Professors

Daniel M. Cobb, Anne M. Whisnant.

## Adjunct Assistant Professors

Raúl Necochea, Rachel Seidman.

## Professors Emeriti

Samuel H. Baron, Stephen B. Baxter, Frederick O. Behrends, Judith M. Bennett, E. Willis Brooks, Christopher R. Browning, Stanley J. Chojnacki, Peter G. Filene, W. Miles Fletcher, Jacquelyn D. Hall, Barbara J. Harris, John M. Headley, Reginald Hildebrand, Michael H. Hunt, John F. Kasson, Lawrence D. Kessler, Richard H. Kohn, William E. Leuchtenburg, Roger W. Lotchin, Donald G. Mathews, W. James McCoy, Michael R. McVaugh, John K. Nelson, Theda Perdue, John E. Semonche, Gerhard L. Weinberg, Joel R. Williamson.

## HIST–History

### Undergraduate-level Courses

#### **HIST 50. First-Year Seminar: Time and the Medieval Cosmos. 3 Credits.**

This course introduces first-year students to the basic motions of the solar system as viewed from the Earth along with the mechanical and mathematical models used to reproduce them, while exploring the history of medieval and early modern education, theology, and natural philosophy.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** PHYS 50.

#### **HIST 51. First-Year Seminar: Latin American Revolutions. 3 Credits.**

This course explores the problem of revolutionary upheaval in Latin American history, from the revolutionary wars of the independence era (1810-1825) to revolutionary episodes of the 20th century.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

#### **HIST 52. First-Year Seminar: Conflicts over Israel/Palestine. 3 Credits.**

This course will familiarize students with the background of this ongoing conflict. It will begin with the growth of political Zionism in Europe, continue through early Zionist settlement, the United Nations partition and resulting war, and the history of the conflict through the present.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

#### **HIST 53. First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-1930. 3 Credits.**

This course examines the experiences of American writers who traveled and lived in European cities during the era between 1830 and 1930 with the goal of developing historical insights into these writers' fascination with famous European cities and the experience of travel.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

#### **HIST 62. First-Year Seminar: Nations, Borders, and Identities. 3 Credits.**

This seminar will explore the ways people have identified themselves in relation to specific places, nation-states, and foreign "others." Examples may include the Kurdish nationalists, Islamist political parties, the Eritrean independence movement, and the Basque separatists.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

#### **HIST 63. First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands. 3 Credits.**

Water has played pivotal roles in the histories, societies, and politics of Middle Eastern peoples. This course will survey the role of water in religious and cultural practices, technological innovations that facilitate agriculture, public health issues arising from water-borne diseases, and the contribution of water scarcity to cross-border political conflicts.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

#### **HIST 63H. First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands. 3 Credits.**

Water has played pivotal roles in the histories, societies, and politics of Middle Eastern peoples. This course will survey the role of water in religious and cultural practices, technological innovations that facilitate agriculture, public health issues arising from water-borne diseases, and the contribution of water scarcity to cross-border political conflicts.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

#### **HIST 64. First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia. 3 Credits.**

Examines Mikhail Gorbachev and the astonishing transformations that occurred while he governed the Soviet Union between 1985 and 1991. Students will explore post-Soviet Russia's efforts at negotiating a new set of relations with the rest of the world and how Russia continues to shape our own destiny.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

#### **HIST 66. First-Year Seminar: Film and History in Europe and the United States, 1908-1968. 3 Credits.**

This course will examine major films in Europe and America from 1908 to 1968 in terms of how they shaped the medium and reflected important social trends.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

#### **HIST 70. First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study. 3 Credits.**

Our homes, our workplaces, our towns, our natural areas—all are products of history, shaped by people, rich with meaning and full of surprises. Using Chapel Hill as our living laboratory, we will explore new ways of understanding the past and how it shapes the world we live in now.

**Gen Ed:** HS, CI, EE- Field Work.

**Grading status:** Letter grade.

#### **HIST 72. First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory. 3 Credits.**

The course examines 20th-century European history through the lenses of women's autobiographical writings. It explores women's voices from different generational, social, and national backgrounds and asks what formed their memories.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade.



**HIST 72H. First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory. 3 Credits.**

The course examines 20th-century European history through the lenses of women's autobiographical writings. It explores women's voices from different generational, social, and national backgrounds and asks what formed their memories.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade.

**HIST 74. First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India. 3 Credits.**

Through a study of autobiographical texts, contemporary accounts, objects, architecture and later representations in scholarly works, films and novels, we will undertake a thematic investigation of the Mughal Empire (1526-1858), focusing on the period of the first six Mughal rulers of India.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 76. First-Year Seminar: Understanding 1492. 3 Credits.**

This seminar will examine one of the most challenging topics in American and Latin American history: how to understand the conquest (la conquista) of Latin America by the Spaniards after the arrival of Columbus after 1492.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 79. First-Year Seminar: Coming of Age in 20th Century America. 3 Credits.**

We will employ coming of age autobiographies to explore developments in the US during the 20th century. In these autobiographies the authors focus primarily on the periods of childhood and adolescence into young adulthood. We will consider many issues including: race, racism, immigration, religion, social class, and gender.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**HIST 81. First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust. 3 Credits.**

In ghettos and hiding places during the Holocaust, European Jews and other victims of Nazism recorded their experiences in diaries and other chronicles. Students will read diaries and memoirs as well as listen to testimonies to understand Holocaust history through life narratives, exploring tensions between history and memory.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 83. First-Year Seminar: African History through Popular Music. 3 Credits.**

Examines popular music as a way of understanding African history from the 1930s to the present. We will read background materials on African historical developments and musical styles, do a lot of listening, and try to learn what African musicians tell us about their societies.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 84. First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies. 3 Credits.**

Explores the distinctive features of microhistorical approaches to the past and the attractions of microhistory for the practicing historian. Students will read a rich sampling of recent work (much of it featuring monsters, murder, and mayhem) and try their hand at writing their own microhistories.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 84H. First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies. 3 Credits.**

Explores the distinctive features of microhistorical approaches to the past and the attractions of microhistory for the practicing historian. Students will read a rich sampling of recent work (much of it featuring monsters, murder, and mayhem) and try their hand at writing their own microhistories.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 85. First-Year Seminar: What Concentration Camp Survivors Tell Us. 3 Credits.**

This is a seminar about reading so as to learn as much as we can from individuals expressing the inexpressible. It asks what (if anything) only camp survivors can tell us about the experience and what we can learn by exploring the effects of this experience on survivors.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 85H. First-Year Seminar: What Concentration Camp Survivors Tell Us. 3 Credits.**

This is a seminar about reading so as to learn as much as we can from individuals expressing the inexpressible. It asks what (if anything) only camp survivors can tell us about the experience and what we can learn by exploring the effects of this experience on survivors.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HIST 89H. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HIST 101. Historical Analysis for the Information Age. 3 Credits.**

This course, geared towards undergraduate students at the beginning of their college careers, will give students the tools needed to critically evaluate information. Texts from different historical periods, newsreels and propaganda movies, and a variety of different websites will be examined and deconstructed to understand how content can be presented or manipulated.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade.

**HIST 106. Ancient History. 3 Credits.**

A topical survey of the ancient world, especially the civilization of the Near East, Greece, and Rome.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 107. Medieval History. 3 Credits.**

A survey of Western Europe and the Mediterranean World, 300-1500.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 108. Introduction to Early Medieval History 500-1050. 3 Credits.**

An introductory-level survey of early medieval political, cultural, religious and social history between ca.500 and ca.1050 with a geographical focus on Europe. This course also considers eastern Christianity and Islam, as well as parts of Asia, for comparison. Throughout the course students will closely analyze the evidence for the period.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 110. Introduction to the Cultures and Histories of Native North America. 3 Credits.**

An interdisciplinary introduction to Native American history and studies. The course uses history, literature, art, and cultural studies to study the Native American experience.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** AMST 110.

**HIST 120. Sport and American History. 3 Credits.**

A survey of American sport history, from the colonial era to the present. Course will explore how sports have reflected larger trends in American life and analyze the different ways sports have influenced American history and shaped the world we occupy today.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 121. History of Religion in North America. 3 Credits.**

Surveys religious thought and practice in the United States and Canada from the colonial era to the present day. Themes include continuities and changes in expressing ancient faiths; the relationship between religion and politics; the intersection of theology with everyday life; and evolving notions of religious truth and toleration.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 124. United States History through Film. 3 Credits.**

Explores the history of the United States through films made about various historical eras. For each film, the instructor will lecture on the time period(s), the class will read relevant primary and secondary sources, and then the class will watch and discuss the film.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 125. The Social History of Popular Music in 20th-Century America. 3 Credits.**

Explores the relationship between popular music and major developments in 20th-century America. The course's overarching focus is how popular music has simultaneously unified and divided the nation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 127. American History to 1865. 3 Credits.**

A survey of various aspects of American development during the colonial, revolutionary, and national periods, with stress upon major themes and interpretations.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**HIST 128. American History since 1865. 3 Credits.**

A survey of various aspects of American development during a century of rapid industrial, social, political, and international change, with stress upon major themes and interpretations.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 130. Modern African History. 3 Credits.**

An overview of major developments in sub-Saharan African history since the late 19th century, focusing on colonialism, nationalism and decolonization, social change, and current issues, and drawing upon fiction, film, and primary sources.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 131. Southeast Asia to the Early 19th Century. 3 Credits.**

The history of Southeast Asia from prehistory to "high imperialism." Long-term political, economic, social, and religious developments, including Indianization, the impact of China, and the first contacts with Europeans.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 131.

**HIST 133. Introduction to Chinese History. 3 Credits.**

Chinese history from its beginnings to the present, organized around the central theme of how the identity of China and 'Chineseness' was created.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 133.

**HIST 134. Modern East Asia. 3 Credits.**

Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 134, PWAD 134.

**HIST 135. History of the Indian Subcontinent to 1750. 3 Credits.**

An introduction to major political, religious, social, and cultural events from 3500 BCE to 1750 CE with a focus on Hindu, Muslim, and Buddhist groups before British colonial rule.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 135.

**HIST 136. History of India, Pakistan, and Bangladesh: South Asia since 1750. 3 Credits.**

This course is an introduction to modern India, Pakistan, and Bangladesh. We will investigate major political, social, economic, and cultural issues from 1750 to the present.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 136.

**HIST 137. Muhammad to Malcolm X: Islam, Politics, Race, and Gender. 3 Credits.**

This course provides an introduction to the history of the Islamic world from the time of the Prophet Muhammad to the present day. It seeks to expose students to key themes, individuals, and movements that have represented Islamic thought and practice, and enable students to engage directly with intra-Islamic debates.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 138. History of Muslim Societies to 1500. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both HIST 138/ASIA 138 and ASIA 180/RELI 180.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 138.

**HIST 139. History of Muslim Societies since 1500. 3 Credits.**

A broad interdisciplinary survey of the later Islamic empires since the 15th century and their successor societies in the modern Muslim world. Students may not receive credit for both ASIA 139/HIST 139 and ASIA 181/RELI 181

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 139.

**HIST 140. The World since 1945. 3 Credits.**

This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**HIST 142. Latin America under Colonial Rule. 3 Credits.**

Social and economic development under colonial rule, especially in Mexico and Peru.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 143. Latin America since Independence. 3 Credits.**

A general introduction to Latin American society, culture, politics, and economics from a historical perspective. Focus will be on the events of the past two centuries.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 144. Women in the United States from Settlement to Present. 3 Credits.**

This course will survey the history of women, gender relations, and notions of sex difference in the United States from the colonial era to present times, with a special emphasis on women's varied experiences and expectations across divisions of class, race, and region. Key themes will include work, politics, citizenship, reproduction, sociability, and sexuality.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** WGST 144.

**HIST 151. European History to 1650. 3 Credits.**

European history from Greek antiquity to the mid-17th century.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 152. European History since 1650. 3 Credits.**

European history from the middle of the 17th century to the present.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 153. From the Bible to Broadway: Jewish History to Modern Times. 3 Credits.**

This class surveys the history of the Jews from ancient to modern times. It focuses on the development of Jewish religion, culture identity, and politics in Jewish communities in the Western, Atlantic and Middle Eastern Worlds. It also explores the development of antisemitism and anti-Jewish violence.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** JWST 153.

**HIST 157. History of Britain since 1688. 3 Credits.**

Explores the interplay between Britain's domestic history and her European, transatlantic, and wider global engagements from the Glorious Revolution through the present day. Focuses on social and economic thought, Parliament, London's urban and class structures, religious and ethnic strife, racial and gender difference, and literary, cinematic, and artistic expression.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 158. Early Modern European History, 1450-1815. 3 Credits.**

Intellectual and social structures, dynamics of social and political change, principles of authority, and bases of revolution from the Reformation to the French Revolutionary and Napoleonic period.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 159. From War to Prosperity: 20th-Century Europe. 3 Credits.**

A critical overview of 20th-century European history, with particular attention to the constant ethnic, religious, social, economic, and cultural struggles (including Holocaust, Cold War) in various subunits of the old continent.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** EURO 159.

**HIST 161. Russia Becomes an Empire. 3 Credits.**

Between 862 and 1861 Russia expanded from agrarian settlements into Europe's most formidable empire. Subjugated by Mongols in 1240, it recovered and absorbed territories from Poland to Alaska. Conquest came on the backs of an enserfed peasantry, whose emancipation began the next chapter in Russia's history.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**HIST 162. Russia under the Last Tsars and Soviet Commissars. 3 Credits.**

This course surveys fundamental issues affecting the Russian/Soviet/post-Soviet multinational empire in the last century and a half, emphasizing regime failures, revolutions, wars, and ethnic challenges.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 163. Modern Central Asia. 3 Credits.**

Provides an understanding of significant contemporary developments in Central Asia—9/11, the Taliban, oil and gas geopolitics, Communism and its collapse, the rise of China, Islamism, and global terrorism—through an analysis of themes in the region's history, with a focus on the 19th and 20th centuries.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 164. History of Britain in the 19th Century. 3 Credits.**

This course explores political, social, and cultural history from the Napoleonic Wars through the South African War. Surveys the history of the United Kingdom in the context of Britain's imperial expansion, including slavery, reform, women's suffrage, social movements, and Victorian wealth and poverty.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 165. History of Britain in the 20th Century. 3 Credits.**

This course explores political, social, and cultural history from 1900 to the present: the two world wars, the declining empire, the extension of parliamentary democracy, the new welfare state, and a deeply diverse racial, ethnic, and religious society where social and economic differences remain. Who is British?

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 166. History of Afghanistan. 3 Credits.**

The American occupation of Afghanistan after 9/11/2001, the longest war in United States history, continues a long pattern of great empires attempting to control the country. This course asks why it has been challenging for Afghanistan's rulers, both foreign and domestic, to build a centralized state in an historically decentralized society.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 174H. Honors Seminar in African, Asian, and Middle Eastern History. 3 Credits.**

Examines selected themes in the history of Africa, Asia, and/or the Middle East. Theme(s) chosen by the instructor. Possible subjects: colonialism, resistance movements, religion, gender, economic transformations.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 175H. Honors Seminar in Latin American History. 3 Credits.**

Examines selected themes in the history of Latin America. Theme(s) chosen by the instructor. Possible subjects: indigenous societies, colonialism, religion, the family, economic transformations.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 176H. Honors Seminar in Russian, Eurasian, and Eastern European History. 3 Credits.**

Examines selected themes in the history of Russia, Eurasia, and/or Eastern Europe. Theme(s) chosen by the instructor. Possible subjects: imperialism, revolution, the Soviet Union, war and society.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 177H. Honors Seminar in Early European History. 3 Credits.**

Examines selected themes in the history of Europe from ancient to early modern times. Theme(s) chosen by the instructor. Possible subjects: legacies of antiquity, philosophy and religion, feudal society, gender, and power.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 178H. Honors Seminar in Modern European History. 3 Credits.**

Examines selected themes in the history of modern Europe. Theme(s) chosen by the instructor. Possible subjects: effects of industrialism, nationalism, history of ideas, consumer society, modern revolutions, imperialism.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 179H. Honors Seminar in American History. 3 Credits.**

Examines selected themes in American history. Theme(s) chosen by the instructor. Possible subjects: colonial diversity, emerging nation, intellectual traditions, labor and capitalism, slavery and race relations, markets and political power, war and society.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 190. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from the departmental office. Closed to graduate students.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**HIST 202. Borders and Crossings. 3 Credits.**

This course will examine how collective identities have been created, codified, and enforced; and will explore possibilities for building bridges between groups in order to resolve conflicts.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**HIST 203. Empires and Cultures in the Modern World. 3 Credits.**

This course will examine the relationship between Asia, Africa, the Middle East, Latin America, and the making of the modern world in the 20th century.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 205. War, Diplomacy, and Statecraft, 1618-1815. 3 Credits.**

The history of European international politics from the outbreak of the Thirty Years War to the Congress of Vienna. Considers the sources of national power, the reasons for war, and the changing nature of diplomacy.

**Gen Ed:** GL, WB.

**Grading status:** Letter grade

**Same as:** PWAD 205.

**HIST 206. War, Diplomacy, and Statecraft, 1815-1945. 3 Credits.**

The history of international politics from the fall of Napoleon to the end of the Second World War, with special attention to European nationalism, imperialism, the emergence of non-European great powers, the reasons for war, and the search for peace.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 206.

**HIST 207. The Global Cold War. 3 Credits.**

A survey of the Cold War from its origins in the aftermath of the Second World War to its conclusion in the late 1980s. Focuses on the geopolitical, military, ideological, and economic aspects of the global superpower conflict.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 207.

**HIST 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GLOBL 210, ANTH 210, GEOG 210, POLI 210.

**HIST 212. History of Sea Power. 3 Credits.**

The influence of sea power on international affairs will be surveyed from ancient times to the present. Emphasis on United States naval history and its interaction with diplomacy, economics, and technology.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 212.

**HIST 213. Air Power and Modern Warfare. 3 Credits.**

Examines air power theory and practice from 1914 to the present. Focuses on the application of air power as an instrument of war and the effectiveness of that application.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** AERO 213, PWAD 213.

**HIST 220. The Olympic Games: A Global History. 3 Credits.**

Course uses the history of the modern Olympic Games (1896-present) to explore both global sport and the history of international relations. Topics include sport and the Cold War; terrorism; human rights; the anti-apartheid movement; and issues of race, class, gender, disability; and the question of who is a "real" athlete.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 225. History of Greece. 3 Credits.**

A survey of Greek history and culture from the Bronze Age to the Hellenistic period.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 226. History of Rome. 3 Credits.**

Origins to the first two centuries CE. Focuses upon Rome's growth as a world power and the shift from republican government to autocracy.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 228. The Medieval Expansion of Europe. 3 Credits.**

This course examines the formation of Christian Europe and its relationship with the wider world through the lens of European expansionism.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 230. Why History Matters to Public Policy. 3 Credits.**

This course explores the uses of history and historical perspectives for public policy. Students will learn how historical processes have shaped today's public policies and examine how the origins and development of a policy can inform current policy decisions.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** PLCY 231.

**HIST 231. Native American History: The East. 3 Credits.**

Covers the histories of American Indians east of the Mississippi River and before 1840. The approach is ethnohistorical.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** AMST 231.

**HIST 233. Native American History: The West. 3 Credits.**

Deals with the histories of Native Americans living west of the Mississippi River. It begins in the pre-Columbian past and extends to the end of the 19th century.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** AMST 233.

**HIST 234. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** AMST 234, ANTH 234.

**HIST 234H. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** AMST 234H, ANTH 234H.

**HIST 235. Native America in the 20th Century. 3 Credits.**

This course deals with the political, economic, social, and cultural issues important to 20th-century Native Americans as they attempt to preserve tribalism in the modern world.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** AMST 235.

**HIST 236. Sex and American History. 3 Credits.**

Does sex have a history? This course argues that it does. Exploring American history from the earliest encounters of Indians, Europeans, and Africans through the aftermath of the sexual revolution, we will consider diverse perspectives, important dynamics of change, and surprising ways in which the past informs our present—and our selves.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 239. Religion in North America since 1865. 3 Credits.**

A survey of modern religion in the United States and Canada. Themes include religious pluralism; new religious movements, immigrant faiths; the relationship between religion and urban life, industrialization, and new science; religion and foreign affairs; questions of church and state; and the conflict between secular modernity and religious fundamentalism.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 240. Introduction to Mexico: A Nation in Four Revolutions. 3 Credits.**

History of Mexico seen through four moments of change: conquest, independence, 19th-century reforms, and 20th-century revolution. This course is an introductory survey for students who want to know more about Mexico, its place in Latin America, and its relations with the United States.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 241. History of Latinos in the United States. 3 Credits.**

A comparative examination of the historical experiences of Latinos in the United States, from the 19th century to the present, drawing on experiences of Mexican Americans, Puerto Ricans, Dominicans, and Central Americans. Special emphasis on the events, people, and ideas that have made distinctive contributions.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.



**HIST 242. United States-Latin American Relations. 3 Credits.**

This course examines the history of United States involvement in Latin America and the Caribbean. Lectures will cover two centuries of United States intervention, from the wars of the 19th century to the covert CIA operations of the Cold War and the more recent wars on drugs and terror.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**HIST 243. The United States and Africa. 3 Credits.**

This course traces changing relationships between the United States and sub-Saharan Africa from the 17th century to the present. Topics include the trans-Atlantic slave trade, back-to-Africa movements and the colonization of Liberia by African Americans, United States policies toward decolonizing and postcolonial African countries, and contemporary links between Africa and America.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 243H. The United States and Africa. 3 Credits.**

This course traces changing relationships between the United States and sub-Saharan Africa from the 17th century to the present. Topics include the trans-Atlantic slave trade, back-to-Africa movements and the colonization of Liberia by African Americans, United States policies toward decolonizing and postcolonial African countries, and contemporary links between Africa and America.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 244. History of the American Presidency. 3 Credits.**

This course examines the historical evolution of the United States presidency and its role in government and society. The class is especially concerned with the ways that the office and its occupants have been shaped by the aspirations of the American people and the global challenges of the modern era.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 245. The United States and the Cold War: Origins, Development, Legacy. 3 Credits.**

This is both a wide-ranging and detailed course that looks at the origins, the evolution, and the termination of the Cold War from 1945 to 1989/90. It also considers the "New Cold War" with Russia that developed in 2014. The course is based on an international and multinational perspective.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 245.

**HIST 246. The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries. 3 Credits.**

This is both a wide-ranging and detailed lecture course which looks at the rise of the U.S. to world power status and the evolution of U.S. foreign relations from the late 19th century to the very present. The course is based on a multinational and global perspective.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 247. Early Modern Japanese History and Culture. 3 Credits.**

This course focuses on Japan's early modern period (1600-1868) and explores the historicism of the artist Hon'ami Koetsu; the status system and village life; the writings of Matsuo Basho; dramatic culture and the life of the city; and the interplay between sex, gender, and commerce.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** JAPN 246.

**HIST 249. World Christianity since 1450. 3 Credits.**

An intermediate survey of global Christianity from the late Middle Ages to the present day that traces evolving theology and worship; the role of religion in the politics of empire; modern challenges to traditional religion; and the international expansion of the faith.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 250. Antisemitism and Islamophobia. 3 Credits.**

This class is a survey of the long histories of antisemitism and islamophobia in Europe and the Middle East. The two phenomena will be studied first separately and in their own historical contexts before being compared and contrasted in a variety of contemporary situations.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**HIST 251. The Thirty Years War (1618-1648): Europe in an Age of Crisis. 3 Credits.**

A critical examination of the significance of the Thirty Years' War for 17th-century Europe's social, religious, military, and geopolitical history. The representation of the conflict in art and literature also receives attention.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** PWAD 251.

**HIST 252. Politics, Society, and Culture in Modern Germany (1871-1945). 3 Credits.**

This course explores the history of Modern Germany, by focusing on Imperial Germany, the Weimar Republic and the Third Reich. We will study continuities and changes in politics, society, and culture and examine the lasting impact of World War I, World War II and the Holocaust.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** EURO 252.

**HIST 253. Art and Power in Early Modern Europe. 3 Credits.**

This seminar interrogates the relationship between art and political power in the 15th through 17th centuries, assessing the nature of visual propaganda and art as an effective means of early modern communication, with special emphasis on gendered conceptions of power.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 253H. Art and Power in Early Modern Europe. 3 Credits.**

This seminar interrogates the relationship between art and political power in the 15th through 17th centuries, assessing the nature of visual propaganda and art as an effective means of early modern communication, with special emphasis on gendered conceptions of power.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 254. War and Society in Early Modern Europe. 3 Credits.**

A critical examination, from the Renaissance to the Napoleonic period, of the changes in European land and naval warfare and their impact on society and government.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** PWAD 254.

**HIST 255. Manor to Machine: The Economic Shaping of Europe. 3 Credits.**

From agriculture to industry, Europe's march to industrialization. Survey from the medieval manor through revival of trade, rise of towns, credit and capitalism, overseas expansion and mercantilism to the Industrial Revolution.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 256. France, 1940 to the Present. 3 Credits.**

Three events shaped contemporary France: collaboration and resistance in occupied France; the Algerian War; and the political, cultural, and social movements in the late 1960s and 1970s. This class will examine these events, how they are remembered and given meaning, and their role in making the France we know today.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 257. Politics, Society, and Culture in Postwar Germany. 3 Credits.**

The interdisciplinary seminar will explore cultural, historical, and political issues of contemporary Germany and analyze German developments from the postwar period to the present. Readings and discussions in English.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** POLI 257, EURO 257.

**HIST 258. Modern Italy since 1848. 3 Credits.**

This course focuses on the history of modern Italy and examines changes in political, social, economic structures. Students will engage in the search for an "Italian identity." Topics will include unification, World War I and II, Italian fascism, the postwar Italian Republic, the Mafia, terrorism, popular culture, and Silvio Berlusconi.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** ITAL 258.

**HIST 259. Towards Emancipation? Women in Modern Europe. 3 Credits.**

This course examines and compares the situation of women in politics, the work force, society and family from the French Revolution to the new women's movement in the 1970s with a focus on Britain, France and Germany. One major theme is the history of the struggle for women's emancipation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 259, EURO 259.

**HIST 260. From Kings to Communists: East-Central Europe in the Modern Era. 3 Credits.**

A study in the emergence of nations of Eastern Europe, their internal development, mutual conflicts, and struggle for independence.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 261. France, 1870-1940. 3 Credits.**

Third Republic France was riven with conflict. This course examines these conflicts, how the men and women of France and its colonies gave them meaning, and how we in turn can interpret these struggles to develop our understanding of the longest-lived republic in French history (1870-1940).

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 262. History of the Holocaust: The Destruction of the European Jews. 3 Credits.**

Anti-Semitism; the Jews of Europe; the Hitler dictatorship; evolution of Nazi Jewish policy from persecution to the Final Solution; Jewish response; collaborators, bystanders, and rescuers; aftermath.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** JWST 262, PWAD 262.

**HIST 264. Gender in Russian History. 3 Credits.**

Traces the development of sexual identities and changes in masculine and feminine ideals from Tsarist Russia through the post-Soviet period with emphasis on politics, society, and popular culture.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** WGST 264.

**HIST 268. War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850. 3 Credits.**

The course explores the dramatic historical changes between 1750 to 1850 and their intersection with and reflection in arts, literature, and music in a trans-Atlantic perspective.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**HIST 269. The History of London, World City, 1890-Present. 3 Credits.**

Explores the history, culture, and politics of London from the decade before the First World War, through the "Swinging" 1960s, to the recent Olympics fever. Surveys the architecture, cultural institutions and the arts, against the background of the city's changing racial, ethnic, religious, and socio-economic composition.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 271. Premodern Japanese History and Culture. 3 Credits.**

This survey examines Japanese history from early times to the Tokugawa settlement of 1603. We will consider the archaeology of prehistoric Japan; the first great capitals at Nara and Heian; the rise of the samurai; and the tenuous medieval balance of power between the court, warrior government, and Buddhist institutions.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** JAPN 231.

**HIST 272. Contemporary India, Pakistan, and Bangladesh. 3 Credits.**

Provides students with a critical understanding of the political, economic, and social dynamics of contemporary South Asia. Themes explored include the development (or lack of) democratic structures, continuing relevance of caste and religion, emergence of right wing movements, contesting representations of the past, and the prospects and challenges confronting the region.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 272.

**HIST 273. Water, Conflict, and Connection in the Middle East. 3 Credits.**

Water has played many pivotal roles in the societies and politics of Middle Eastern peoples. This course will survey the history of water in the region, including its uses in agriculture and ritual, transport, and technology. We will explore water's impact on public health and the effects of water pollution on local societies. Finally, we will focus on the effects of the region's water scarcity in cross-border political conflicts.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 273.

**HIST 274. History of the Ottoman Empire, 1300-1923. 3 Credits.**

Approaches the history of the Ottoman Empire from a world historical perspective. Situates the Ottoman imperial experience in relation to Muslim, Mongolian, and Byzantine traditions. Discusses the early modern and modern transformation of the Ottoman Empire and its legacy for contemporary Eastern Europe, the Middle East, and North Africa.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 276. The Modern Middle East. 3 Credits.**

This course introduces students to the recent history of the Middle East, including a comparison of the Middle East to the United States.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 276.

**HIST 277. The Conflict over Israel/Palestine. 3 Credits.**

Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 277, PWAD 277.

**HIST 278. The Trans-Atlantic Slave Trade. 3 Credits.**

Slavery in select African communities, economic and political foundations of the trans-Atlantic slave trade, and its impact on African and New World societies.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**HIST 278H. The Trans-Atlantic Slave Trade. 3 Credits.**

Slavery in select African communities, economic and political foundations of the trans-Atlantic slave trade, and its impact on African and New World societies.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**HIST 279. Modern South Africa. 3 Credits.**

Beginning with the discovery of gold and diamonds in the mid-19th century and reaching to the present, this course considers colonialism, industrialization, social change, and political protest in South Africa, with particular attention to the rise, fall, and legacies of apartheid.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 279H. Modern South Africa. 3 Credits.**

Beginning with the discovery of gold and diamonds in the mid-19th century and reaching to the present, this course considers colonialism, industrialization, social change, and political protest in South Africa, with particular attention to the rise, fall, and legacies of apartheid.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 280. Women and Gender in Latin American History. 3 Credits.**

Examines the experiences of women and gender relations in Latin American societies from pre-Columbian times to the present, providing a new perspective on the region's historical development.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** WGST 280.

**HIST 281. The Pacific War, 1937-1945: Its Causes and Legacy. 3 Credits.**

An examination of the origins of the Pacific War, the course of this bitter and momentous conflict, and its complex legacy for both Asia and the United States.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 281, PWAD 281.

**HIST 284. Late Imperial China. 3 Credits.**

This course introduces undergraduates to significant themes of the Ming (1368-1644) and Qing (1644-1911) dynasties. Topics include family, religion, art, fiscal change, trade networks, conquest, emperorship, Manchu ethnicity, the examination system and book culture, legal codes, gender, the Taiping Rebellion, and the Boxer Uprising, among others. No prior coursework required.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 285. 20th-Century China. 3 Credits.**

China today is poised to become the next world superpower. What is the story of its modern transformation? This lecture course will introduce undergraduates to the history of 20th-century China, through a thematic approach to its culture, politics, and society. No prior coursework required.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 287. Japan's Modern Revolution. 3 Credits.**

Covering the period from 1600 to 1900, this course examines the causes and impact of the Meiji Restoration of 1868, which marked the start of modern Japan.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 287.

**HIST 288. Japan in the 20th Century. 3 Credits.**

Topics include the Japanese Empire, the road to the Pacific War, defeat, the Allied occupation, Japan's recovery from war, and development into a democracy and the world's second largest economy.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 288.

**HIST 289. America in the 1970s. 3 Credits.**

This course will explore how Americans in the 1970s responded to crises, challenges, and opportunities, and how they ultimately remade ideas of identity, citizenship, work, family, and culture.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**HIST 291. Putting Literature and History in Dialogue. 3 Credits.**

Dialogues between historiographic and fictional treatments of important historical problems. Explores works of history and literature to determine how different genres of writing give meaning to the past.

**Grading status:** Letter grade.

**HIST 302H. Movies Make History: Films as Primary Sources in Europe and America. 3 Credits.**

This course explains how and why certain films helped shape the medium even as they reflected broader aspects of historical change. Beginning with the development of narrative film in 1908, the course looks at those nationally specific genres that had repercussions beyond national borders, ending in about 1968.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**HIST 302. Movies Make History: Films as Primary Sources in Europe and America. 3 Credits.**

This course explains how and why certain films helped shape the medium even as they reflected broader aspects of historical change. Beginning with the development of narrative film in 1908, the course looks at those nationally specific genres that had repercussions beyond national borders, ending in about 1968.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**HIST 308. The Renaissance and the Jews. 3 Credits.**

The Renaissance (1300-1600) is known as a time of great artistic, scientific, and political renewal. But did Jews, the only religious minority in Europe, get an opportunity to benefit from and participate in that progress? This class studies the history of the Jews at a time of great cultural change.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** JWST 308.

**HIST 309. Old Regime France, 1661-1787. 3 Credits.**

This course focuses on the period in French history between the ascendancy of absolute monarchy in the middle of the 17th century and the collapse of absolutism at the onset of the French Revolution.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 310. The French Revolution. 3 Credits.**

The French Revolution was a source of much that the modern world recognizes as its own: nationalism, human rights, class conflict, ideology, communism, conservatism, show trials, citizen armies, terrorism, and the concept of revolution itself. This course probes issues that underlie the continuing relevance of the French Revolution today.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 311. Ghettos and Shtetls? Urban Life in East European Jewish History. 3 Credits.**

The migration of Jewish populations from small towns to large cities in Eastern Europe altered notions of Jewish community, space, cultures, and identities. This course will explore the roles of ghetto and shtetl in both history and memory of the Jewish past, drawing on memoirs, literature, film, and photography.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** JWST 311.

**HIST 312. History of France and Algeria. 3 Credits.**

This course covers France's conquest, rule, and loss of Algeria, and the relationship between French and Algerian people in Algeria and France from 1830 to the present. Topics such as modern French and North African history, colonialism, Islam, immigration, terror/torture, and cross-cultural exchange are all featured in this transnational course.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 313. Women and the Law in Africa and the Middle East. 3 Credits.**

Explores women's and men's engagement with colonial and post-colonial legal systems with a focus on the 19th through 21st centuries. Topics include customary law, Islamic law, women's rights as human rights, disputation and conflict resolution. We will ask the question: "how does gender influence how women and men navigate legal systems?" Course previously offered as WMST 289.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** WGST 313.

**HIST 320. Museums in Europe and the Americas: History and Theory. 3 Credits.**

This course examines the development of museums in Europe and the United States from the 18th century to the present. A variety of perspectives of museums are presented with the goal of understanding their connections to larger political and cultural trends.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 320H. Museums in Europe and the Americas: History and Theory. 3 Credits.**

This course examines the development of museums in Europe and the U.S. from the 18th century to the present. A variety of perspectives of museums are presented with the goal of understanding their connections to larger political and cultural trends.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 325. Food and History: The Local and Global, the United Kingdom and the United States. 3 Credits.**

An examination of how food, its production, distribution, and consumption have shaped the history of the United States, the United Kingdom, and the world at large. The course will study how these nations and their empires have been intertwined but remained distinctive from colonial times to the present.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 329. An Introduction to the History of Medicine. 3 Credits.**

This course underscores the ways in which Western medicine has become a global political and cultural phenomenon in history, and discusses evidence of how different social actors have parsed the distinction between sickness and health over time.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 329H. An Introduction to the History of Medicine. 3 Credits.**

This course underscores the ways in which Western medicine has become a global political and cultural phenomenon in history, and discusses evidence of how different social actors have parsed the distinction between sickness and health over time.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 330. Jesus and the Jews: From the Bible to the Big Screen. 3 Credits.**

This class will study the history of the claim that the Jews are responsible for Christ's death. Students will examine the power of this idea to travel through time and space and discuss how it is portrayed differently and with different purposes throughout history.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** JWST 330.

**HIST 330H. Jesus and the Jews: From the Bible to the Big Screen. 3 Credits.**

This class will study the history of the claim that the Jews are responsible for Christ's death. Students will examine the power of this idea to travel through time and space and discuss how it is portrayed differently and with different purposes throughout history.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** JWST 330H.

**HIST 331. Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia. 3 Credits.**

Which of the following would you consider potentially political issues: celibacy; semen retention; body-building; depiction of gods/goddesses; or bomb making? Well, they all are. This course examines debates over sex, religion, and violence that constituted a key part of revolutionary thought and anti-colonial struggles in modern South Asia.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 304.

**HIST 332. Identity and Community in Modern Jewish History: The Case of Durham. 3 Credits.**

This course explores diverse experiences of modernity among Jewish populations from the mid-18th century to the present under the influence of political, cultural, and socioeconomic changes. Diaries, memoirs, literature, and film challenge students to develop their own analyses while becoming familiar with arguments among scholars of Jewish life.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 334. Rasputin's Russia: Erotic, Decadent, Revolutionary. 3 Credits.**

The turn of the 20th century was characterized by a highly stylized angst, and nowhere more so than in Russia. This course explores how the political, social, cultural, and economic transformations that vibrated throughout Russia provided a fertile context for the burst of creativity that spawned its modernist artistic movements.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 335. Cracking India: Partition and Its Legacy in South Asia. 3 Credits.**

What happened when the British carved Pakistan out of the Muslim-dominated corners of India? Readings and films focus on the causes and consequences of this event, the Partition of India.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 331, PWAD 331.

**HIST 340. Ethics and Business in Africa. 3 Credits.**

Explores sub-Saharan Africa both as a historical site of exploitative, extractive labor practices and initiatives to make business more ethical. Starting in the precolonial period, it considers topics such as ending the slave trades, the foundations of colonial economies, development projects postindependence, and the use of conflict minerals. Previously offered as HIST 540.

**Gen Ed:** HS, BN, CI.

**Grading status:** Letter grade.

**HIST 340H. Ethics and Business in Africa. 3 Credits.**

Explores sub-Saharan Africa both as a historical site of exploitative, extractive labor practices and initiatives to make business more ethical. Starting in the precolonial period, it considers topics such as ending the slave trades, the foundations of colonial economies, development projects postindependence, and the use of conflict minerals.

**Gen Ed:** HS, BN, CI.

**Grading status:** Letter grade.

**HIST 345. Comparative Strategies of Empire. 3 Credits.**

This team-taught course compares premodern empires, inquiring into rulers' strategies and subject peoples' experiences. Empires studied will depend on instructors' areas of expertise, but may include Greeks, Romans, Chinese, Incas, West Africans, Mughals, and Ottomans, among others. We anticipate comparing three premodern empires in any given semester.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 346. Dictators in the 20th Century. 3 Credits.**

Dictators are typically viewed as brutal individuals who wield absolute power over their state. But, are these stereotypes true? The aims of this seminar are to dispel the myths that shroud dictators, to give students a more nuanced understanding of dictatorships in the 20th century, and to introduce them to biographies as a genre of historical writing.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 347. Fascist Challenge in Europe, 1918-1945. 3 Credits.**

The course focus on theories on fascism, national cultures of fascism (e.g. Nazi Germany, Fascist Italy, Hungary) as well as selected topics which are essential to understand the attraction and functioning of fascist movements and regimes since 1918 in Europe (e.g. racism, war, culture, charismatic leadership).

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** EURO 347.

**HIST 348. Population Transfers, Migration, and Displacement in Europe from the 19th to the 21st Century. 3 Credits.**

By looking at case studies from the 19th to the 21st century, this seminar will help contribute to a better understanding of the current migrant crises in Europe. This course will deal with factors for migration/forced migration, possible motivations, migration experiences, as well as consequences for the migrants and the communities where they have ended up.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 349. Comparative Empires in the Modern World. 3 Credits.**

This course will examine the history of how empires uses grand claims of civilizational, moral, and religious claims in their foreign policy and grand strategy with a focus on the British, Ottoman, and Japanese imperial strategies. The course will also discuss contemporary legacies of British-Ottoman confrontation in WWI and British-Japanese conflict in WWII.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 351. Global History of Warfare. 3 Credits.**

The history of warfare from its prehistoric origins to the present. The focus is on interactions between peoples around the world and particularly on the problems of innovation and adaptation.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 351.



**HIST 353. Cinema, Culture, and Society in Weimar and Nazi Germany. 3 Credits.**

After the First World War, culture in Germany became a forum for radical experimentation and a source of deep conflict. Through a consideration of art and literature, and with emphasis on mass cultural forms such as film and newspapers, this course explores the complex relationships between politics and culture and how such relationships were understood and debated in both the Weimar Republic and Nazi Germany.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 354. War and Gender in Movies. 3 Credits.**

The course examines and compares the images of war and gender that movies from different time periods and countries propagate and explores the different factors that influence these images and thereby the perception and recollection of war.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 354, WGST 353.

**HIST 354H. War and Gender in Movies. 3 Credits.**

The course examines the interrelations between changes in warfare, the military system, and the gender order in Europe from medieval to modern time, and its reflection in international movies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 354H, WGST 353H.

**HIST 355. American Women's History to 1865. 3 Credits.**

This course will explore women's experiences in America from 1500 to 1865. Topics will include the ways in which women have shaped American politics, economy, society, and culture.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** WGST 354.

**HIST 356. American Women's History, 1865 to the Present. 3 Credits.**

This course will examine the changing lives of women in the United States after 1865: Their contribution to economy, society, cultural change, and political struggles.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** WGST 356.

**HIST 357. The Old South. 3 Credits.**

Economic, cultural, and social history of the antebellum South. The region's political history will serve as a supporting part of the study. Previously offered as HIST 586.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 358. The New South. 3 Credits.**

This course explores the transformation of the South from the time of the Civil War and emancipation to the contemporary rise of the Sunbelt. Previously offered as HIST 587.

**Grading status:** Letter grade.

**HIST 359. Jacksonian America, 1815-1848. 3 Credits.**

The society and politics of the United States during the period dominated by President Andrew Jackson. Topics include economic development, the expansion of slavery, religion and reform, the changing roles of women, and the political movements associated with 'Jacksonian democracy.'

Previously offered as HIST 563.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 360. Modern American Intellectual History. 3 Credits.**

This course surveys questions that have preoccupied leading thinkers and shaped intellectual culture in America since 1870. Themes include the problem of defining American identity, the clash between faith and reason, social injustice, the meaning of "modernity," the power and pitfalls of ideology, conceptions of human nature.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 360H. Modern American Intellectual History. 3 Credits.**

This course surveys questions that have preoccupied leading thinkers and shaped intellectual culture in America since 1870. Themes include the problem of defining American identity, the clash between faith and reason, social injustice, the meaning of "modernity," the power and pitfalls of ideology, conceptions of human nature.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 361. Lesbian, Gay, Bisexual, and Transgender Histories in the United States. 3 Credits.**

This course investigates the history of people who might today be defined as lesbian, gay, bisexual, or transgender (LGBT) in the United States. Key themes will include identity formation, culture, politics, medical knowledge, discrimination, and community.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** WGST 360.

**HIST 362. Baseball and American History. 3 Credits.**

Course explores the historical significance of baseball in American life, using the history of the game to investigate topics such as industrialization, urbanization, and immigration; conflicts between labor and capital; racial prejudice and integration; patriotism and American identity; evolving gender ideals; and the role of myth in American culture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 363. Popular Culture and American History. 3 Credits.**

Study of the popular arts and entertainments of the 19th and 20th centuries and the ways in which they illuminate the values, assumptions, aspirations, and fears of American society.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 363H. Popular Culture and American History. 3 Credits.**

Study of the popular arts and entertainments of the 19th and 20th centuries and the ways in which they illuminate the values, assumptions, aspirations, and fears of American society.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 364. History of American Business. 3 Credits.**

A survey of the rise and development of the major financial, commercial, manufacturing, and transportation enterprises that transformed the United States from an agricultural into a leading industrial nation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** MNGT 364.

**HIST 365. The Worker and American Life. 3 Credits.**

From the experience of colonial artisans to contemporary factory and office workers, organized and unorganized, this course examines the effect of the industrial revolution on the American social and political landscape.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** MNGT 365.

**HIST 366. North Carolina History before 1865. 3 Credits.**

The history of North Carolina from the original Indian cultures to the end of the Civil War. Important topics include colonization, the American Revolution, evangelical religion, slavery, economic and political reform, the rise of sectionalism, and the Civil War.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**HIST 367. North Carolina History since 1865. 3 Credits.**

The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 368. War and American Society to 1903. 3 Credits.**

The American military experience from colonial times to the early 20th century. Major themes include the problem of security, the development of military policies and institutions, and the way in which the country waged and experienced war.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 368.

**HIST 369. War and American Society, 1903 to the Present. 3 Credits.**

Survey of America's military experience in the 20th century, focusing on national security policy, military institutions, World Wars I and II, the Cold War, the Korean and Vietnam Wars, and recent interventions.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 369.

**HIST 370. Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century. 3 Credits.**

This course will examine Japan's long 16th century. Introduces students to the history of, and historiographical problems with the representation of, some of the most fascinating characters in Japanese history, including pirates, warlords, tea masters, Jesuit monks, Buddhist priests, and peripatetic artists.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** JAPN 363.

**HIST 372. History of American Politics, 1932-Present. 3 Credits.**

This course explores the political history of the United States from the New Deal in the 1930s to the present. Topics include the trajectories of liberalism and conservatism and the origins of today's most protracted political debates—from McCarthyism to 9/11, from Watergate to Obamacare.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 372H. History of American Politics, 1932-Present. 3 Credits.**

This course explores the political history of the United States from the New Deal in the 1930s to the present. Topics include the trajectories of liberalism and conservatism and the origins of today's most protracted political debates—from McCarthyism to 9/11, from Watergate to Obamacare.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 373. The United States in World War II. 3 Credits.**

A history of the United States in World War II (1941-1945): home front and military front.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** PWAD 373.

**HIST 374. The American West, 1800 to the Present. 3 Credits.**

A survey of the growth and development of the American West from the nineteenth century to the present as a culture, economy, and society. Considers the interactions between Native Americans and other people of different races, national origins and genders as agents and contributors to the forging of the American West.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 375. History of Gender in America. 3 Credits.**

This course will explore how Americans from 1600 to the present have defined what is masculine and what is feminine and how they have constructed their identities around those definitions.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** WGST 375.

**HIST 376. History of African Americans to 1865. 3 Credits.**

Survey of African American history to abolition of slavery in North America with some attention to experiences of people of African descent in Latin America and the Caribbean.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**HIST 377. History of African Americans, 1865 to Present. 3 Credits.**

Survey of African American history since emancipation in North America with some attention to experiences of people of African descent in Latin America and the Caribbean.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 377H. History of African Americans, 1865 to Present. 3 Credits.**

Survey of African American history since emancipation in North America with some attention to experiences of people of African descent in Latin America and the Caribbean.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 381. Bebop to Hip-Hop: The Modern Black Freedom Struggle through Music. 3 Credits.**

The struggle for freedom has been a pivotal theme in African American history. This course turns to music to explore the shifting contours and permutations of that struggle between the 1940s and 1990s.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 382. The History of the Civil Rights Movement. 3 Credits.**

This course examines the history of the modern African American civil rights movement, focusing on its development and processes, historical significance, and continuing legacy in the United States of America and abroad.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 383. Big-Time College Sports and the Rights of Athletes, 1874 to the Present. 3 Credits.**

The evolution of college sports since the Harvard-McGill football game of 1874. Key turning points include the football crisis of 1905 and the creation of the NCAA, the reform efforts of the 1930s, the 1984 Supreme Court case on television money, and the emergence of an "athletes' rights" movement.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 384. America in the Sixties. 3 Credits.**

Through a variety of interconnected themes, this course focuses on the wide-ranging experiences of life in the United States of America during the 1960s to explain major shifts in postwar modern American history and explore the origins of contemporary American society.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 384H. America in the Sixties. 3 Credits.**

Through a variety of interconnected themes, this course focuses on the wide-ranging experiences of life in the United States of America during the 1960s to explain major shifts in postwar modern American history and explore the origins of contemporary American society.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 389. Maid in America, Made in China: Laboring Women in Global Perspective. 3 Credits.**

Explores women's experiences in the workforce historically and today. Lectures, readings, and discussions examine the larger social and political consequences of women's presence in the workplace, efforts to fashion identities as wage laborers on their own terms, race and class divisions, and the boundaries between their waged and unwaged labors.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** WGST 389.

**HIST 390. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from departmental office. Closed to graduate students. Repeatable for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**HIST 390H. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from departmental office. Closed to graduate students. Repeatable for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**HIST 396H. Independent Study in History. 3 Credits.**

Permission of the department. Directed reading under the supervision of a faculty member.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**HIST 398. Undergraduate Seminar in History. 3 Credits.**

Permission of the department. The course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some historical problem. Students will write a substantial research paper.

**Gen Ed:** CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HIST 398H. Undergraduate Seminar in History. 3 Credits.**

Permission of the department. The course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some historical problem. Students will write a substantial research paper.

**Gen Ed:** CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****HIST 421. Alexander. 3 Credits.**

The rise of Macedonia; the careers of Philip II and Alexander (with emphasis on the latter's campaigns); the emerging Hellenistic Age. The course integrates computer (including Web site) and audiovisual materials throughout.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** PWAD 421.

**HIST 422. Ancient Greek Warfare. 3 Credits.**

War and the warrior in the archaic and classical Greek world, seventh to the fourth centuries BCE.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** PWAD 422.

**HIST 422H. Ancient Greek Warfare. 3 Credits.**

War and the warrior in the archaic and classical Greek world, seventh to the fourth centuries BCE.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** PWAD 422H.

**HIST 423. Archaic Greece, 800-480 BCE. 3 Credits.**

HIST 225 strongly recommended. Topical approach to the social and cultural history of the ancient Greek city states, ca. 800-336 BCE.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 424. Classical Greece (Sixth-Fourth Centuries BCE). 3 Credits.**

HIST 225 strongly recommended. The life and times of the ancient Athenians from the sixth to fourth centuries BCE.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 425. Roman History, 154 BCE-14 CE. 3 Credits.**

Explores the transformation from Republic to Principate. Conducted in considerable part by student reports and classroom discussions.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 427. The Early Roman Empire, 14 CE-193 CE. 3 Credits.**

Focuses upon administrative, social, and economic themes. Conducted in considerable part by student reports and classroom discussions.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 428. The Later Roman Empire, 193 CE-378 CE. 3 Credits.**

Focuses upon administrative, social, and economic themes. Conducted in considerable part by student reports and classroom discussions.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 429. Ancient Sexuality. 3 Credits.**

This course deals with the complex topic of ancient sexuality, which includes courtship, marriage, family structure, public and private morality, and law enforcement. In terms of historical method, this course teaches students how to discover evidence for social history in both diverse documentary and literary sources.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 431. The Medieval Church. 3 Credits.**

The nature and workings of the Western church between roughly 600 and 1300. Emphasis on the church "from within," organization, missionary strategies, liturgy, monasticism, popular religion.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 432. The Crusades. 3 Credits.**

Students in this course will examine Christian attitudes toward holy war, crusading, and other forms of coercive violence from the 11th until the 15th centuries, with a focus on the major crusades to the Holy Land.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 434. Medieval England. 3 Credits.**

A consideration of England's origins, unification, and development as a national monarchy. Primary emphasis is on political, ecclesiastical, and cultural aspects.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 435. The Medieval University. 3 Credits.**

The origins and development of the university during the period 1100 to 1400; types of organization, curricula and degrees, intellectual life, town-gown and student-master relationships.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 436. Medieval Theology, Gender, and the Body. 3 Credits.**

This course will explore notions of male and female sanctity from Late Antiquity to the High Middle Ages. Topics will include martyrdom, the cult of relics, and bodily resurrection.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 437. Aristocratic Culture in the Central Middle Ages. 3 Credits.**

This course has as its theme the lives of aristocratic men and women in western Europe between about 850 and 1200 CE. Discusses the nature of aristocratic identity, the trends that shaped the lives of aristocratic men and women, and the different roles of men and women within aristocratic culture.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**HIST 438. Medieval Masculinities, 500-1200. 3 Credits.**

This course examines the multifaceted constructions of masculinity found in narrative texts produced in medieval western Europe. Focuses on topics such as gender relations, male self-fashioning, homosocial bonding, family structures. Sources studied range from epic and romance to chronicles and visual records.

**Gen Ed:** HS, CI, WB.

**Grading status:** Letter grade.

**HIST 438H. Medieval Masculinities, 500-1200. 3 Credits.**

This course examines the multifaceted constructions of masculinity found in narrative texts produced in medieval western Europe. Focuses on topics such as gender relations, male self-fashioning, homosocial bonding, family structures. Sources studied range from epic and romance to chronicles and visual records.

**Gen Ed:** HS, CI, WB.

**Grading status:** Letter grade.

**HIST 451. 1492: The Expulsion of the Jews from Spain. 3 Credits.**

The largest and most prosperous Jewry of Europe lived in medieval Spain. The 1492 expulsion, driven by the Inquisition and Catholic monarchy, not only ended Spanish Jewish life but also forced a traumatic redefinition of Jewish identity. This course focuses on the causes and consequences of the expulsion of 1492.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** JWST 451.

**HIST 452. The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550. 3 Credits.**

A study of the people, culture, and intellectual achievements of the Italian Renaissance with emphasis on the interaction between culture and society.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 453. Mediterranean Societies and Economics in the Renaissance World. 3 Credits.**

A picture of Mediterranean social and economic life 1300 to 1600, with special focus on rural and urban society, family structure, patronage, work and wages, public and private finance.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 454. The Reformation. 3 Credits.**

Examines a movement of religious reform that shattered Latin Christendom and contributed many of the conditions of early modern Europe. Emphases: religious, political, social.

**Grading status:** Letter grade

**Same as:** RELI 454.

**HIST 455. Europe in the 17th Century. 3 Credits.**

The century marks the watershed in European development. Emphases: statecraft, the emerging state-system, the new scientific world view, the evolution of European society.

**Grading status:** Letter grade.

**HIST 458. Europe and the World Wars, 1914-1945. 3 Credits.**

Europe and the experience of total war, with special focus on national conflicts; ideological conflicts among fascism, communism, and liberalism; and the dictatorships of Hitler and Stalin.

**Grading status:** Letter grade.

**HIST 459. Global Evangelicalism since 1600. 3 Credits.**

This is a survey of evangelical Christianity from 1600 to the present. We will trace the roots of evangelicalism in post-Reformation Europe, its diverse expressions and political influence in modern Western culture, and its recent spread throughout the Global South.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 460. Late Medieval and Reformation Germany. 3 Credits.**

Examines the major late medieval religious, social, and political developments plus the Reformation and Counter-Reformation. Topics include Luther's theology, the German Peasant's War, Jewish-Christian relations, witch-hunting, and family life.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 461. Early Modern Germany, 1600-1815. 3 Credits.**

Examines major political, social, and cultural developments. Topics include the growth of absolutist government, Prussia's militarism and rivalry with Austria, German Jewry, Baroque music, the Enlightenment, and the Napoleonic wars.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**HIST 462. Germany, 1806-1918: Politics, Society, and Culture. 3 Credits.**

This course examines the changes in German politics, culture, and society during the long 19th century, with a focus on the Anti-Napoleonic Wars and the following era of restoration, the Vormärz and the Democratic Revolution of 1848 to 1849, the German Unification of 1871 and the Wilhelmine Empire, and finally World War I.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 462H. Germany, 1806-1918: Politics, Society, and Culture. 3 Credits.**

This course examines the changes in German politics, culture, and society during the long 19th century, with a focus on the Anti-Napoleonic Wars and the following era of restoration, the Vormärz and the Democratic Revolution of 1848 to 1849, the German Unification of 1871 and the Wilhelmine Empire, and finally World War I.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 463. Germany since 1918: Politics, Society, and Culture. 3 Credits.**

This course examines the changes in German politics, culture, and society during the 20th century, with a focus on the Weimar Republic, the Third Reich and World War II, the reshaping of East and West Germany since the post-war era, and the unification in 1989.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 463H. Germany since 1918: Politics, Society, and Culture. 3 Credits.**

This course examines the changes in German politics, culture, and society during the 20th century, with a focus on the Weimar Republic, the Third Reich and World War II, the reshaping of East and West Germany since the post-war era, and the unification in 1989.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 466. Modern European Intellectual History. 3 Credits.**

The main developments in European thought from the Enlightenment to the 20th century, with some attention to social context. Readings include Voltaire, Rousseau, Hegel, Marx, Tocqueville, Sand, Flaubert, Nietzsche, Freud.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 468. Art, Politics, and Society in France, 1850-1914. 3 Credits.**

An examination of the interaction of artists, criticism, and the market with larger political and social developments in France, with an emphasis on primary sources.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** ARTH 483.

**HIST 469. European Social History, 1815-1970. 3 Credits.**

The social transformation of Europe from agrarian through postindustrial society, discussing population growth, family history, spread of education, class structure, social conflict, group ideologies, and mass politics, as well as everyday lives and popular lifestyles.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 474. Britain in World Affairs: British Foreign Policy since World War II. 3 Credits.**

The course provides a historical, political, and socio-economic framework for understanding British history and politics in the 20th and 21st centuries. We will assess important turning points in domestic British politics, the main focus will be on Britain's foreign relations during both the Cold War and the post-Cold War years.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 475. Feminist Movements in the United States since 1945. 3 Credits.**

This course will examine the unprecedented surge of feminist thought and activism in the postwar United States. Course materials and discussions will trace feminists' varied conceptions of empowered womanhood and their expectations of the state, society at large, and each other.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** WGST 476.

**HIST 475H. Feminist Movements in the United States since 1945. 3 Credits.**

This course will examine the unprecedented surge of feminist thought and activism in the postwar United States. Course materials and discussions will trace feminists' varied conceptions of empowered womanhood and their expectations of the state, society at large, and each other.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** WGST 476H.



**HIST 476. Borderlands: Religion and Ethnicity in Modern East Central Europe. 3 Credits.**

The history of modern Eastern, East Central, and southeastern Europe has been shaped by the ethnic and religious diversity of the regions. This course examines experiences in the Russian, Habsburg, and Ottoman Empires and their successor states from the 19th century to the present day.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** JWST 476.

**HIST 477. Revolution in Russia, 1900-1930. 3 Credits.**

A close study of Russia's age of revolution from the reign of the last tsar to the turbulent Stalin Revolution of 1929, with emphasis on the revolutions of 1917.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 478. Stalin and After: The USSR, 1929-Present. 3 Credits.**

An in-depth examination of Soviet and post-Soviet history from 1929 to the present.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 479. History of Female Sexualities in the West. 3 Credits.**

Spanning the ancient, medieval, and modern West, this course explores normative and non-normative female sexualities, ideas about female bodies, and the regulation of female sexuality by families, religions, and states.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 479.

**HIST 480. Russia's 19th Century: Cultural Splendor, Imperial Decay. 3 Credits.**

The diplomatic, military, and ideological confrontations with the West; the decline and fall of the Russian autocracy; the evolution of reform thought; and revolutionary opposition.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 481. From Communists to Capitalists: Eastern Europe since 1945. 3 Credits.**

An examination of the countries of Eastern Europe, their origins and development since World War II, their cohesion and conflict.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 482. Russia, Eurasian Empire. 3 Credits.**

This course examines the development of the Russian Empire, from the Mongol conquest in the 13th century to the transformation of Imperial Russia in the Soviet Union after 1917.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 483. Nation and Religion in Russia: Orthodoxy, Islam, and Judaism. 3 Credits.**

This course explores the role of nation and religion in shaping political, cultural, and social experience and change in Tsarist and Soviet Russia through the prism of Christianity, Islam, and Judaism.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 484. Islam in Tsarist and Soviet Russia. 3 Credits.**

This course examines the role that Islam has played in the history of the Russian sphere—interior Russia, Siberia, the Caucasus, and Central Asia—from the 18th century to the present. Topics include methods of rule, social change, Islamic institutions, attempts to bureaucratize religion, and resistance.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 485. From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History. 3 Credits.**

Eastern Europe was one of the largest centers of Jewish civilization from premodern times to the Second World War, giving rise to important religious, cultural, and political developments in Jewish modernity. This course examines main developments of Jewish society from the late 18th century until the aftermath of the Holocaust.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** JWST 485.

**HIST 486. Extremism, Terrorism, and Security in Postwar Europe. 3 Credits.**

In the debate on how to efficiently combat terrorism without abandoning the rule-of-law, it is often neglected that this is not a new problem.

This course will examine European states' reactions to national and international terrorism since the 1960s. Case studies will include Germany, Italy, and the United Kingdom.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 485.

**HIST 486H. Extremism, Terrorism, and Security in Postwar Europe. 3 Credits.**

In the debate on how to efficiently combat terrorism without abandoning the rule-of-law, it is often neglected that this is not a new problem.

This course will examine European states' reactions to national and international terrorism since the 1960s. Case studies will include Germany, Italy, and the United Kingdom.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 485H.

**HIST 489. The History of the 2008 Financial Crisis. 3 Credits.**

This course explores the 2008 financial crisis as a window into the longer history of global capitalism. We consider the construction of the sub-prime mortgage market, mass securitization, deregulation, and the interconnected nature of global finance, as well as the historical development of crises within financial capitalism.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 489H. The History of the 2008 Financial Crisis. 3 Credits.**

This course explores the 2008 financial crisis as a window into the longer history of global capitalism. We consider the construction of the sub-prime mortgage market, mass securitization, deregulation, and the interconnected nature of global finance, as well as the historical development of crises within financial capitalism.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 490. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from the departmental office.

**Gen Ed:** HS.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**HIST 490H. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from the departmental office.

**Gen Ed:** HS.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**HIST 493. Internship in History. 1-3 Credits.**

Permission of the director of undergraduate studies. A supervised internship at an organization or institution engaged in the promotion of historical studies or the collection and preservation of historical documents and artifacts.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HIST 495. Directed Readings in History. 1-3 Credits.**

Permission of the director of undergraduate studies. Directed reading and relevant writing, supervised by a member of the department, in a selected field of history.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HIST 496. Independent Research in History. 1-3 Credits.**

Permission of the director of undergraduate studies. Directed primary source research and production of a research project, supervised by a member of the department. Prior coursework in the selected field is recommended.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**HIST 500. Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century. 3 Credits.**

This course explores the growing body of research on gender, empire, and nation/nationalism in modern European history by focusing on problems of national belongings and citizenship, state and nation building and empire formation, and the gendered discourses and representations of nation and empire.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 500.

**HIST 501. The Gender of Welfare: Comparative Perspectives, 19th and 20th Century. 3 Credits.**

This course explores the growing body of research on gender and welfare in a comparative perspective by focusing on the sexual division of labor in the workforce and the family, related social and family policies, including child care, and social citizenship in a comparative perspective.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 501.

**HIST 508. Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices. 3 Credits.**

This seminar offers students an insight into the role of Europe within the global regime of humanitarian aid. After looking at the history and at theoretical definitions of humanitarianism, the course will examine a variety of case studies to assess the changing role of Europe in the post-war era.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 509. The World History of Slavery. 3 Credits.**

This course considers slavery in comparative context, from ancient times to the present and across the world. It offers a chronological narrative and raises themes for comparison, including women in slavery and challenges to slavery. This approach allows for a wide view of this pervasive institution and develops analytical skills.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 510. Human Rights in the Modern World. 3 Credits.**

This course looks at the international history of human rights from the Enlightenment to the present and considers how human rights ideas first emerged, how they evolved, and how they became so influential.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 510H. Human Rights in the Modern World. 3 Credits.**

This course looks at the international history of human rights from the Enlightenment to the present and considers how human rights ideas first emerged, how they evolved, and how they became so influential.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 511. 9/11 in World History. 3 Credits.**

This course focuses on three great decolonization movements-Communism, Nationalism, and Islamism-in the postcolonial Islamic world, in an attempt to understand the impact of the 9/11/2001 terrorists attacks on the social, political, and cultural life of Muslims in predominantly Islamic countries and diasporic communities in the West.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**HIST 514. Monuments and Memory. 3 Credits.**

Explores the role of monuments in the formation of cultural memory and identity, both nationally and globally. Topics include the construction of identities in and through public spaces, commemoration of both singular individuals and ordinary citizens, and the appearance of new types of post-traumatic monuments in the 20th century.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** ARTH 514.

**HIST 516. Historical Time. 3 Credits.**

This course explores the ways in which Western historians and other students of the past from Adam Ferguson to Stephen Jay Gould have conceptualized and packaged historical time.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 516H. Historical Time. 3 Credits.**

This course explores the ways in which Western historians and other students of the past from Adam Ferguson to Stephen Jay Gould have conceptualized and packaged historical time.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 517. Gender, Military, and War in Comparative Perspective. 3 Credits.**

This course introduces students to new research on the history of gender, the military, and war in a comparative perspective. It explores the interrelations between changing military systems, types of warfare, the gender order, as well as political, social, and cultural currents in modern history.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 517, WGST 517.

**HIST 518. Colloquium in World Military History. 3 Credits.**

Reading colloquium in world military history, emphasizing Europe, focusing on the most significant issues, methods, and approaches in the field today.

**Grading status:** Letter grade.

**HIST 526. History of the Andes. 3 Credits.**

This course offers a survey of the history of the Andean region. The primary focus will be either the pre-Inca, Inca, and colonial periods or the 19th and 20th centuries, depending on the instructor.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 527. Latin American Indigenous Peoples. 3 Credits.**

This course surveys the history of Latin American indigenous peoples from the conquest to the present. Focus is on indigenous struggles and survival strategies.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 528. Guerrillas and Counterinsurgencies in Latin America. 3 Credits.**

This course examines the leftist guerrilla movements that swept Latin America and the Caribbean during the latter half of the 20th century. Students will analyze the origins, trajectories, and legacies of these insurgencies, paying particular attention to the roles of race, class, and gender.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** PWAD 528.

**HIST 529. Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation. 3 Credits.**

This upper-division course focuses on the major issues, debates, and conflicts that arose over citizenship in a multi-ethnic society, tensions between church and state, and the definition of national territory in Mexico as a new and modernizing nation.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 531. History of the Caribbean. 3 Credits.**

Thematic approach to the history of the West Indies, with emphasis on the period from European conquest through the 20th century. Topics include colonialism, slavery, monoculture, United States-Caribbean relations, and decolonization.

**Grading status:** Letter grade.

**HIST 532. History of Cuba. 3 Credits.**

Thematic approach to Cuban history, from conquest to the revolution. Attention is given to socioeconomic developments, slavery and race relations, the 19th-century independence process, and the 20th-century republic.

**Grading status:** Letter grade.

**HIST 533. History of Brazil. 3 Credits.**

This course is concerned primarily with the creation of a new society through race mixture and culture change, and with the political and economic development of Brazil.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 534. The African Diaspora. 3 Credits.**

A comparative examination of the movements, experiences, and contributions of Africans and people of African descent from the period of the Atlantic slave trade to the present.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade.

**HIST 535. Women and Gender in African History. 3 Credits.**

Analysis of historical transformations in Africa and their effects on women's lives and gender relations. Particular themes include precolonial societies, colonialism, religious change, urban labor, nationalism, and sexuality.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 536. Revolution in the Modern Middle East. 3 Credits.**

This course will focus on revolutionary change in the Middle East during the last century, emphasizing internal social, economic, and political conditions as well as international contexts.

**Grading status:** Letter grade

**Same as:** ASIA 536.

**HIST 537. Women in the Middle East. 3 Credits.**

Explores the lives of women in the Middle East and how they have changed over time. Focus will change each year.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 537, WGST 537.

**HIST 538. The Middle East and the West. 3 Credits.**

This course explores changing interactions between the Middle East and the West, including trade, warfare, scientific exchange, and imperialism, and ends with an analysis of contemporary relations in light of the legacy of the past.

**Grading status:** Letter grade

**Same as:** ASIA 538.

**HIST 539. The Economic History of Southeast Asia. 3 Credits.**

This course is intended as a broad overview of Southeast Asian economic history from premodern times to the present day.

**Grading status:** Letter grade

**Same as:** ASIA 539.

**HIST 550. Gender in Chinese History. 3 Credits.**

This course is designed to introduce undergraduates to recent historical scholarship in the field of Chinese gender studies. Topics include family and kinship, the body and bodily practices, social space, writing, sexuality, work, and law, covering both the premodern and modern periods. No prior coursework required.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**HIST 555. Religion, Coexistence, and Conflict in Medieval India. 3 Credits.**

This course traces the fascinating history of material, cultural, and theological exchanges and conflicts between individuals belonging to two of the world's major religions: Hinduism and Islam. Throughout the course we will also analyze how modern commentators have selectively used the past to inform their understandings of the present.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** ASIA 555.

**HIST 556. Gender in Indian History. 3 Credits.**

An analysis of the roles of women and men in Indian societies from the early to the modern periods. Topics include the cultural construction of gender and sexuality; beauty and bodily practices; gender and religion; gender and politics; race, imperialism, and gender.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 556.

**HIST 557. Bandits, Rebels and Storytellers: Fiction and History in India. 3 Credits.**

This course examines the histories, representations, and cultural perceptions surrounding bandits and rebels in modern India. The representations of bandits and rebels are studied in the light of the emergence of nationalism, shifting notions of gender and masculinity, race relations, and emergence of capitalist structures.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 557.

**HIST 561. The American Colonial Experience. 3 Credits.**

An in-depth history of colonial North America. Topics include: interactions among Native Americans, Europeans, and Africans and the founding and development of English, French, and Spanish colonies in the lands that eventually became the United States.

**Gen Ed:** HS, US, WB.

**Grading status:** Letter grade.

**HIST 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 562, FOLK 562, WGST 562.

**HIST 562H. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 562H, FOLK 562H, WGST 562H.

**HIST 564. The American Revolution, 1763-1815. 3 Credits.**

Major topics: constitutional conflict in the British empire; independence and war; Confederation and Constitution; growth of political parties and nationality in a period of domestic change and international conflict.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 564.

**HIST 565. Civil War and Reconstruction, 1848-1900. 3 Credits.**

Focus is on causes, nature, and consequences of the Civil War.

**Grading status:** Letter grade

**Same as:** PWAD 565.

**HIST 566. The History of Sexuality in America. 3 Credits.**

A history of the sexual practices, desires, and understandings of Americans, from earliest colonial encounters to the late 20th century.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 568. Women in the South. 3 Credits.**

An exploration of the distinctive themes in Southern women's lives, using the evidence of history and literature.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 568.

**HIST 569. African American Women's History. 3 Credits.**

The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 569.

**HIST 570. The Vietnam War. 3 Credits.**

A wide-ranging exploration of America's longest war, from 19th-century origins to 1990s legacies, from village battlegrounds to the Cold War context, from national leadership to popular participation and impact.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** ASIA 570, PWAD 570.

**HIST 571. Southern Music. 3 Credits.**

Explores the history of music in the American South from its roots to 20th-century musical forms, revealing how music serves as a window on the region's history and culture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** FOLK 571.

**HIST 576. The Ethnohistory of Native American Women. 3 Credits.**

Introduces students to the study of Native American women through the perspectives of anthropology, history, and autobiography.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 576.

**HIST 577. United States Foreign Relations in the 20th Century. 3 Credits.**

How the United States came to occupy a leading role in world affairs as a diplomatic, military, economic, and cultural power and what that role has meant to Americans and to other peoples, especially during the Cold War.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** PWAD 577.

**HIST 578. Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present. 3 Credits.**

This course considers transatlantic relations in its security, political, and economic dimensions. The course also analyzes U.S. attempts to construct a more united European continent. It is the main aim of this course to give students a structured overview of transatlantic relations and geo-political developments from 1945 to the present.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 578.

**HIST 581. American Constitutional History to 1876. 3 Credits.**

In a classroom environment characterized by discussion, simulation, and interaction, the antecedents, formation, and interpretation of the Constitution are confronted in a broad historical matrix.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 582. American Constitutional History since 1876. 3 Credits.**

Using a classroom environment similar to HIST 581, constitutional adjustments and change are related to psychological, political, social, and economic factors, and to Supreme Court members.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 584. The Promise of Urbanization: American Cities in the 19th and 20th Centuries. 3 Credits.**

A survey of the development of American cities since 1815 and their influence upon American history.

**Grading status:** Letter grade.

**HIST 585. Race, Basketball, and the American Dream. 3 Credits.**

This course explores how Americans have used basketball for integration, economic mobility, and political protest. Particular focus is on how black Americans have used the game for individual expression and political and economic advancement; and the ways the game has influenced ideas about race, "whiteness," and "blackness" in our society.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**HIST 587H. The New South. 3 Credits.**

This course explores the transformation of the South from the time of the Civil War and emancipation to the contemporary rise of the Sunbelt.

**Grading status:** Letter grade.

**HIST 589. Race, Racism, and America: (United States) Law in Historical Perspective. 3 Credits.**

This course will historically and critically examine the changing legal status of people of color in the United States. Within a broad historical matrix from the colonial era to the present, it will focus on African Americans, Native Americans, Asian Americans, Latina/os, and United States law.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 593. Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program. 3 Credits.**

Interning at the SOHP offers experiential education in the intellectual, organizational, and practical work of oral history. You will learn to do oral history interviews, contribute to a collaborative research project, and help this esteemed research center with programming, processing interviews, communications, and digital projects. We accept four interns per semester and you must apply through the Southern Oral History Program.

**Gen Ed:** HS, EE- Academic Internship.

**Grading status:** Letter grade.

**HIST 625. Technology and American Culture. 3 Credits.**

Technology's impact on American thought and society and the response it has engendered. Topics will include the factory town, search for utopia, impact of Henry Ford, war, and depersonalization.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**HIST 670. Introduction to Oral History. 3 Credits.**

Introduces students to the uses of interviews in historical research. Questions of ethics, interpretation, and the construction of memory will be explored, and interviewing skills will be developed through field work.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade

**Same as:** FOLK 670.

**HIST 671. Introduction to Public History. 3 Credits.**

Introduces the theory, politics, and practice of historical work conducted in public venues (museums, historic sites, national parks, government agencies, archives), directed at public audiences, or addressed to public issues.

**Gen Ed:** HS, EE- Mentored Research, NA.

**Grading status:** Letter grade

**Same as:** AMST 671.

**HIST 691H. Honors in History. 3 Credits.**

Permission of the instructor. Introduction to the methods of historical research; designed to lead to the completion of an honors essay.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**HIST 692H. Honors in History. 3 Credits.**

Permission of the instructor. Introduction to the methods of historical research; designed to lead to the completion of an honors essay.

**Gen Ed:** HS, CI, EE- Mentored Research.

**Grading status:** Letter grade.

## History Major, B.A.

### Contact Information

**Department of History**

Visit Program Website (<http://history.unc.edu>)

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The study of history is an essential part of a liberal arts education and offers valuable preparation for many careers: in law, journalism, libraries, and museums; in local, state, and national public service; in business; in international work; and, of course, in historical research and teaching.

## Department Programs

**Major**

- History Major, B.A. (p. 620)



## Minors

- History Minor (p. 627)
- Medieval and Early Modern Studies (MEMS) Minor (p. 627)

## Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)
- Ph.D. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)

## Student Learning Outcomes

Upon completion of the history program, students should be able to:

- Pose historical and analytical questions, pursue those questions through research in original sources, evaluate evidence, and create an argument in response
- Evaluate historical claims and conflicting arguments on the basis of evidence, methodology, and sources so that students can develop their own judgment on historical issues
- Demonstrate knowledge of a variety of cultures and societies in the past and the present by explaining and discussing the challenges of examining a past society that may be quite different from their own society
- Explain and discuss intelligently major issues related to a particular field of historical study
- Analyze and discuss the complexity of the dynamics of change in a way that reflects an understanding of society and culture in the particularity of time as well as the process of change over time

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
A total of 10 HIST courses		
Four to six courses in a field of concentration: African, Asian, and Middle Eastern history; ancient/medieval history; gender and women's history; global history; Latin American history; modern European history; Russian, Eurasian, and Eastern European history; United States history; thematic history		12-18
Four to six courses outside the field of concentration		12-18
HIST 398	Undergraduate Seminar in History (This seminar can be in the field of concentration or outside it.) <sup>H</sup>	3
One course in Latin American or African, Asian, and Middle Eastern history		3

At least six courses numbered 200 or above

Total Hours 30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Each major shall concentrate in one area (see lists below), or students must devise a thematic concentration and have it approved by the chair of the Undergraduate Studies Committee.

At least seven of the 10 courses (21 hours) must be completed with a grade of C or better.

The Department of History offers multiple sections of the required HIST 398 undergraduate seminar each semester. Each section focuses on a different topic. Prior to the course registration period, the Department of History will distribute to all history majors information about the next semester's offerings of HIST 398.

All College of Arts and Sciences policies apply, including (but not limited to) the following.

- No history course may be taken for Pass/Fail credit (even if the course serves as a free elective).
- A maximum of 15 history courses (45 hours) may be applied toward the B.A. degree. Any courses beyond the minimal 10 (but not above the maximum of 15) will count as free electives.
- No more than five courses (15 hours) of transfer credit and College Board Advanced Placement/International Baccalaureate credit may count toward the major. Up to five courses (15 hours) of transfer credit may count toward the major, but only up to two courses (six hours) of College Board Advanced Placement or International Baccalaureate credit may count toward the major. In no case can the combination of transfer credits and AP/IB credits exceed 15 hours.

History (HIST) course descriptions (p. 600).

## Field According to Topic

Code	Title	Hours
HIST 190	Special Topics in History	3
HIST 291	Putting Literature and History in Dialogue	3
HIST 390	Special Topics in History <sup>H</sup>	3
HIST 398	Undergraduate Seminar in History <sup>H</sup>	3
HIST 490	Special Topics in History <sup>H</sup>	3
HIST 493	Internship in History	1-3
HIST 495	Directed Readings in History	1-3
HIST 496	Independent Research in History	1-3
HIST 691H	Honors in History	3
HIST 692H	Honors in History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## African, Asian, and Middle Eastern History

Code	Title	Hours
HIST 52	First-Year Seminar: Conflicts over Israel/Palestine	3
HIST 62	First-Year Seminar: Nations, Borders, and Identities	3

HIST 63	First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
HIST 83	First-Year Seminar: African History through Popular Music	3
HIST 130	Modern African History	3
HIST 131	Southeast Asia to the Early 19th Century	3
HIST 133	Introduction to Chinese History	3
HIST 134	Modern East Asia	3
HIST 135	History of the Indian Subcontinent to 1750	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
HIST 137	Muhammad to Malcolm X: Islam, Politics, Race, and Gender	3
HIST 138	History of Muslim Societies to 1500	3
HIST 139	History of Muslim Societies since 1500	3
HIST 163	Modern Central Asia	3
HIST 166	History of Afghanistan	3
HIST 174H	Honors Seminar in African, Asian, and Middle Eastern History	3
HIST 202	Borders and Crossings	3
HIST 203	Empires and Cultures in the Modern World	3
HIST 243	The United States and Africa <sup>H</sup>	3
HIST 271	Premodern Japanese History and Culture	3
HIST 272	Contemporary India, Pakistan, and Bangladesh	3
HIST 274	History of the Ottoman Empire, 1300-1923	3
HIST 276	The Modern Middle East	3
HIST 277	The Conflict over Israel/Palestine	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 279	Modern South Africa <sup>H</sup>	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 284	Late Imperial China	3
HIST 285	20th-Century China	3
HIST 287	Japan's Modern Revolution	3
HIST 288	Japan in the 20th Century	3
HIST 312	History of France and Algeria	3
HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
HIST 340	Ethics and Business in Africa <sup>H</sup>	3
HIST 483	Nation and Religion in Russia: Orthodoxy, Islam, and Judaism	3
HIST 484	Islam in Tsarist and Soviet Russia	3
HIST 511	9/11 in World History	3
HIST 534	The African Diaspora	3
HIST 535	Women and Gender in African History	3
HIST 536	Revolution in the Modern Middle East	3
HIST 537	Women in the Middle East	3
HIST 538	The Middle East and the West	3
HIST 539	The Economic History of Southeast Asia	3
HIST 550	Gender in Chinese History	3
HIST 555	Religion, Coexistence, and Conflict in Medieval India	3
HIST 556	Gender in Indian History	3

HIST 557	Bandits, Rebels and Storytellers: Fiction and History in India	3
HIST 570	The Vietnam War	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ancient/Medieval

Code	Title	Hours
HIST 106	Ancient History	3
HIST 107	Medieval History	3
HIST 108	Introduction to Early Medieval History 500-1050	3
HIST 151	European History to 1650	3
HIST 177H	Honors Seminar in Early European History	3
HIST 225	History of Greece	3
HIST 226	History of Rome	3
HIST 228	The Medieval Expansion of Europe	3
HIST 255	Manor to Machine: The Economic Shaping of Europe	3
HIST 345	Comparative Strategies of Empire	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 423	Archaic Greece, 800-480 BCE	3
HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
HIST 425	Roman History, 154 BCE-14 CE	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3
HIST 431	The Medieval Church	3
HIST 432	The Crusades	3
HIST 434	Medieval England	3
HIST 435	The Medieval University	3
HIST 436	Medieval Theology, Gender, and the Body	3
HIST 437	Aristocratic Culture in the Central Middle Ages	3
HIST 438	Medieval Masculinities, 500-1200 <sup>H</sup>	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
HIST 460	Late Medieval and Reformation Germany	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Gender and Women's History

Code	Title	Hours
HIST 72	First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
HIST 130	Modern African History	3
HIST 144	Women in the United States from Settlement to Present	3
HIST 236	Sex and American History	3
HIST 259	Towards Emancipation? Women in Modern Europe	3
HIST 264	Gender in Russian History	3

HIST 280	Women and Gender in Latin American History	3	HIST 242	United States-Latin American Relations	3
HIST 354	War and Gender in Movies <sup>H</sup>	3	HIST 243	The United States and Africa <sup>H</sup>	3
HIST 355	American Women's History to 1865	3	HIST 246	The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 356	American Women's History, 1865 to the Present	3	HIST 247	Early Modern Japanese History and Culture	3
HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3	HIST 249	World Christianity since 1450	3
HIST 370	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3	HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
HIST 375	History of Gender in America	3	HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3	HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 438	Medieval Masculinities, 500-1200 <sup>H</sup>	3	HIST 302H	Movies Make History: Films as Primary Sources in Europe and America	3
HIST 475	Feminist Movements in the United States since 1945 <sup>H</sup>	3	HIST 312	History of France and Algeria	3
HIST 479	History of Female Sexualities in the West	3	HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3
HIST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3	HIST 329	An Introduction to the History of Medicine <sup>H</sup>	3
HIST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3	HIST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>	3
HIST 517	Gender, Military, and War in Comparative Perspective	3	HIST 345	Comparative Strategies of Empire	3
HIST 535	Women and Gender in African History	3	HIST 346	Dictators in the 20th Century	3
HIST 537	Women in the Middle East	3	HIST 349	Comparative Empires in the Modern World	3
HIST 562	Oral History and Performance <sup>H</sup>	3	HIST 351	Global History of Warfare	3
HIST 566	The History of Sexuality in America	3	HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 568	Women in the South	3	HIST 370	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
HIST 569	African American Women's History	3	HIST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3
HIST 576	The Ethnohistory of Native American Women	3	HIST 459	Global Evangelicalism since 1600	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Global History

Code	Title	Hours
HIST 53	First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-1930	3
HIST 62	First-Year Seminar: Nations, Borders, and Identities	3
HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
HIST 76	First-Year Seminar: Understanding 1492	3
HIST 83	First-Year Seminar: African History through Popular Music	3
HIST 138	History of Muslim Societies to 1500	3
HIST 139	History of Muslim Societies since 1500	3
HIST 140	The World since 1945	3
HIST 202	Borders and Crossings	3
HIST 203	Empires and Cultures in the Modern World	3
HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3
HIST 207	The Global Cold War	3
HIST 210	Global Issues and Globalization	3
HIST 212	History of Sea Power	3
HIST 213	Air Power and Modern Warfare	3
HIST 220	The Olympic Games: A Global History	3
HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3
HIST 509	The World History of Slavery	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 511	9/11 in World History	3
HIST 514	Monuments and Memory	3
HIST 516	Historical Time <sup>H</sup>	3
HIST 517	Gender, Military, and War in Comparative Perspective	3
HIST 534	The African Diaspora	3
HIST 538	The Middle East and the West	3
HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Latin American History

Code	Title	Hours
HIST 51	First-Year Seminar: Latin American Revolutions	3
HIST 76	First-Year Seminar: Understanding 1492	3

HIST 142	Latin America under Colonial Rule	3	HIST 253	Art and Power in Early Modern Europe <sup>H</sup>	3
HIST 143	Latin America since Independence	3	HIST 254	War and Society in Early Modern Europe	3
HIST 175H	Honors Seminar in Latin American History	3	HIST 255	Manor to Machine: The Economic Shaping of Europe	3
HIST 203	Empires and Cultures in the Modern World	3	HIST 256	France, 1940 to the Present	3
HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3	HIST 257	Politics, Society, and Culture in Postwar Germany	3
HIST 242	United States-Latin American Relations	3	HIST 258	Modern Italy since 1848	3
HIST 280	Women and Gender in Latin American History	3	HIST 259	Towards Emancipation? Women in Modern Europe	3
HIST 526	History of the Andes	3	HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	3
HIST 527	Latin American Indigenous Peoples	3	HIST 261	France, 1870-1940	3
HIST 528	Guerrillas and Counterinsurgencies in Latin America	3	HIST 262	History of the Holocaust: The Destruction of the European Jews	3
HIST 529	Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation	3	HIST 264	Gender in Russian History	3
HIST 531	History of the Caribbean	3	HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
HIST 532	History of Cuba	3	HIST 269	The History of London, World City, 1890-Present	3
HIST 533	History of Brazil	3	HIST 308	The Renaissance and the Jews	3
<b>Modern European History</b>			HIST 309	Old Regime France, 1661-1787	3
<b>Code</b>	<b>Title</b>	<b>Hours</b>	HIST 310	The French Revolution	3
HIST 53	First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-1930	3	HIST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3
HIST 64	First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3	HIST 320	Museums in Europe and the Americas: History and Theory <sup>H</sup>	3
HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3	HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3
HIST 72	First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3	HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3
HIST 81	First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3	HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 84	First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies <sup>H</sup>	3	HIST 347	Fascist Challenge in Europe, 1918-1945	3
HIST 85	First-Year Seminar: What Concentration Camp Survivors Tell Us <sup>H</sup>	3	HIST 348	Population Transfers, Migration, and Displacement in Europe from the 19th to the 21st Century	3
HIST 151	European History to 1650	3	HIST 353	Cinema, Culture, and Society in Weimar and Nazi Germany	3
HIST 152	European History since 1650	3	HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 153	From the Bible to Broadway: Jewish History to Modern Times	3	HIST 370	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
HIST 157	History of Britain since 1688	3	HIST 451	1492: The Expulsion of the Jews from Spain	3
HIST 158	Early Modern European History, 1450-1815	3	HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 159	From War to Prosperity: 20th-Century Europe	3	HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
HIST 161	Russia Becomes an Empire	3	HIST 454	The Reformation	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3	HIST 455	Europe in the 17th Century	3
HIST 164	History of Britain in the 19th Century	3	HIST 458	Europe and the World Wars, 1914-1945	3
HIST 165	History of Britain in the 20th Century	3	HIST 460	Late Medieval and Reformation Germany	3
HIST 177H	Honors Seminar in Early European History	3	HIST 461	Early Modern Germany, 1600-1815	3
HIST 178H	Honors Seminar in Modern European History	3	HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3	HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3	HIST 466	Modern European Intellectual History	3
HIST 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3	HIST 468	Art, Politics, and Society in France, 1850-1914	3
HIST 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3	HIST 469	European Social History, 1815-1970	3

HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3
HIST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3
HIST 477	Revolution in Russia, 1900-1930	3
HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 479	History of Female Sexualities in the West	3
HIST 480	Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 482	Russia, Eurasian Empire	3
HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HIST 486	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
HIST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3
HIST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3
HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 516	Historical Time <sup>H</sup>	3
HIST 517	Gender, Military, and War in Comparative Perspective	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Russian, Eurasian, and Eastern European History

Code	Title	Hours
HIST 64	First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3
HIST 161	Russia Becomes an Empire	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3
HIST 163	Modern Central Asia	3
HIST 176H	Honors Seminar in Russian, Eurasian, and Eastern European History	3
HIST 264	Gender in Russian History	3
HIST 311	Ghettos and Shtetls? Urban Life in East European Jewish History	3
HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 476	Borderlands: Religion and Ethnicity in Modern East Central Europe	3
HIST 477	Revolution in Russia, 1900-1930	3
HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 480	Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 482	Russia, Eurasian Empire	3
HIST 483	Nation and Religion in Russia: Orthodoxy, Islam, and Judaism	3

HIST 484	Islam in Tsarist and Soviet Russia	3
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## United States History

Code	Title	Hours
HIST 53	First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-1930	3
HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
HIST 70	First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3
HIST 79	First-Year Seminar: Coming of Age in 20th Century America	3
HIST 110	Introduction to the Cultures and Histories of Native North America	3
HIST 120	Sport and American History	3
HIST 121	History of Religion in North America	3
HIST 124	United States History through Film	3
HIST 125	The Social History of Popular Music in 20th-Century America	3
HIST 127	American History to 1865	3
HIST 128	American History since 1865	3
HIST 144	Women in the United States from Settlement to Present	3
HIST 179H	Honors Seminar in American History	3
HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3
HIST 230	Why History Matters to Public Policy	3
HIST 231	Native American History: The East	3
HIST 233	Native American History: The West	3
HIST 234	Native American Tribal Studies <sup>H</sup>	3
HIST 235	Native America in the 20th Century	3
HIST 236	Sex and American History	3
HIST 239	Religion in North America since 1865	3
HIST 241	History of Latinos in the United States	3
HIST 242	United States-Latin American Relations	3
HIST 244	History of the American Presidency	3
HIST 245	The United States and the Cold War: Origins, Development, Legacy	3
HIST 246	The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 289	America in the 1970s	3
HIST 302H	Movies Make History: Films as Primary Sources in Europe and America	3
HIST 320	Museums in Europe and the Americas: History and Theory <sup>H</sup>	3
HIST 325	Food and History: The Local and Global, the United Kingdom and the United States	3
HIST 355	American Women's History to 1865	3
HIST 356	American Women's History, 1865 to the Present	3
HIST 357	The Old South	3
HIST 358	The New South	3
HIST 359	Jacksonian America, 1815-1848	3
HIST 360	Modern American Intellectual History <sup>H</sup>	3



HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 362	Baseball and American History	3
HIST 363	Popular Culture and American History <sup>H</sup>	3
HIST 364	History of American Business	3
HIST 365	The Worker and American Life	3
HIST 366	North Carolina History before 1865	3
HIST 367	North Carolina History since 1865	3
HIST 368	War and American Society to 1903	3
HIST 369	War and American Society, 1903 to the Present	3
HIST 370	Samurai, Monks, and Pirates: History and Historiography of Japan's Long 16th Century	3
HIST 372	History of American Politics, 1932-Present <sup>H</sup>	3
HIST 373	The United States in World War II	3
HIST 374	The American West, 1800 to the Present	3
HIST 375	History of Gender in America	3
HIST 376	History of African Americans to 1865	3
HIST 377	History of African Americans, 1865 to Present <sup>H</sup>	3
HIST 381	Bebop to Hip-Hop: The Modern Black Freedom Struggle through Music	3
HIST 382	The History of the Civil Rights Movement	3
HIST 383	Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
HIST 384	America in the Sixties <sup>H</sup>	3
HIST 389	Maid in America, Made in China: Laboring Women in Global Perspective	3
HIST 459	Global Evangelicalism since 1600	3
HIST 475	Feminist Movements in the United States since 1945 <sup>H</sup>	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 517	Gender, Military, and War in Comparative Perspective	3
HIST 561	The American Colonial Experience	3
HIST 562	Oral History and Performance <sup>H</sup>	3
HIST 564	The American Revolution, 1763-1815	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 566	The History of Sexuality in America	3
HIST 568	Women in the South	3
HIST 569	African American Women's History	3
HIST 570	The Vietnam War	3
HIST 571	Southern Music	3
HIST 576	The Ethnohistory of Native American Women	3
HIST 577	United States Foreign Relations in the 20th Century	3
HIST 581	American Constitutional History to 1876	3
HIST 582	American Constitutional History since 1876	3
HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
HIST 593	Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program	3
HIST 625	Technology and American Culture	3
HIST 670	Introduction to Oral History	3

HIST 671 Introduction to Public History 3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## History Major, NUS Joint Degree

History majors may wish to consider applying for the Joint Degree Program, an innovative undergraduate degree program joining UNC–Chapel Hill and the National University of Singapore, one of the top universities in Asia and the world. UNC–Chapel Hill undergraduates spend from two to four semesters at the National University of Singapore and receive a joint bachelor of arts degree with a major in history from both institutions. For further information about the Joint Degree Program, see the department Web site (<http://history.unc.edu/undergraduate-program/joint-degree-program-with-the-national-university-of-singapore>) or contact the Study Abroad Office and the director of undergraduate studies in the Department of History.

## Special Opportunities in History

### Honors in History

The departmental honors program is open to any qualified history major with at least a 3.3 cumulative grade point average and, under normal circumstances, a 3.4 in history courses, and experience in research and writing derived from an undergraduate seminar in history (HIST 398). The student pursuing a degree in history with honors must take HIST 691H and HIST 692H; these two courses contribute credit hours toward fulfilling field-of-concentration requirements, depending on the topic of the thesis. The student, in consultation with the honors director, will choose a topic and locate an appropriate faculty member to supervise a senior honors thesis. In HIST 691H the mechanics of researching and writing a senior essay will be discussed and a start made on the essay itself. In HIST 692H the essay will be completed and the student examined by the supervisor and at least one additional faculty member to be agreed upon by the student and supervisor. To receive highest honors the essay must be recommended by the examiners and a review committee. The director of honors, in consultation with the examiners and review committee, will recommend that the student who has defended the essay graduate with either honors or highest honors, or merely with course credit. Students should submit applications for the honors program by the end of February during their junior year. For detailed guidelines click here (<http://history.unc.edu/undergraduate-program/senior-honors-thesis>) or contact the director of honors in the Department of History.

### Departmental Involvement

Students with broad interests in the intellectual and social life of the department may volunteer to serve on the department's Undergraduate Studies Committee (UGSC). Each spring the department invites majors to volunteer for the UGSC, and the selection is made at the start of the next fall semester by the faculty members on the UGSC. Students may also plan or participate in activities organized by the Undergraduate History Club as well as, for those who are eligible, UNC–Chapel Hill's chapter of Phi Alpha Theta (described more fully below under "Undergraduate Awards"). For more information about the UGSC, the History Club, and Phi Alpha Theta, see department's Web site or contact the coordinator for undergraduate studies in the Department of History.

## Experiential Education

In some cases, students majoring in history may wish to pursue internship opportunities. Questions and requests regarding internships should be directed to the department's lecturer/advisor, who has responsibility for evaluating internship proposals and deciding whether an internship may be taken for academic credit. For more information, click here (<http://history.unc.edu/undergraduate-program/internship-opportunities-for-history-majors>).

All history majors will receive credit for the experiential education (EE) General Education requirement when they complete HIST 398.

## Study Abroad

The department strongly encourages its students to explore the many study abroad opportunities provided by the Study Abroad Office. The experience of studying abroad opens intellectual horizons that can be glimpsed only in unfamiliar worlds, and it deepens one's appreciation for the enduring power of historical context and circumstance.

The Department of History participates in a unique joint degree program with the National University of Singapore. The department also has an exchange program with King's College in London. For further information about both programs, contact the Study Abroad Office and the director of undergraduate studies in the department. General information for history majors wishing to study abroad can be found on the department's Web site (<http://history.unc.edu/undergraduate-program/study-abroad>).

## Undergraduate Awards

All majors who complete the required undergraduate seminar (HIST 398) are automatically eligible for the annual Joshua Meador Prize, awarded to the author of the best seminar paper written in the preceding calendar year. A named prize is also awarded to the author of the best honors thesis; the award is announced at the annual spring honors banquet.

The Department of History sponsors a chapter of Phi Alpha Theta, the national history honor society. Students who have taken 12 hours of history courses at UNC–Chapel Hill and who have an overall grade point average of 3.0 and an average in history courses of 3.1 are eligible to apply for membership. An announcement regarding applications for Phi Alpha Theta will be distributed to all history majors in the fall semester.

## Undergraduate Research

The Department of History encourages undergraduate research in a variety of ways. The required seminar for majors (HIST 398) introduces students to historical research. The senior honors program (HIST 691H and HIST 692H) gives students an opportunity to carry out a yearlong research project. In both the fall and spring semesters, senior honors students may apply for competitive awards, including the Michael L. and Matthew L. Boyatt Awards in History for Undergraduate Research and the David Anthony Kusa Undergraduate Research Award, to help support travel for the purpose of research.

## History Minor

## Contact Information

### Department of History

Visit Program Website (<http://history.unc.edu>)  
556 Hamilton Hall, CB# 3195  
(919) 962-2115

W. Fitzhugh Brundage, Chair

### Jeanette Jennings, Undergraduate Coordinator

[jenninj@email.unc.edu](mailto:jenninj@email.unc.edu)

### Matthew Andrews, Undergraduate Advisor

[andrewsm@email.unc.edu](mailto:andrewsm@email.unc.edu)

### Brett Whalen, Director of Undergraduate Studies

[bwhalen@email.unc.edu](mailto:bwhalen@email.unc.edu)

The study of history is an essential part of a liberal arts education and offers valuable preparation for many careers: in law, journalism, libraries, and museums; in local, state, and national public service; in business; in international work; and, of course, in historical research and teaching.

## Department Programs

### Major

- History Major, B.A. (p. 620)

### Minors

- History Minor (p. 627)
- Medieval and Early Modern Studies (MEMS) Minor (p. 627)

### Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)
- Ph.D. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
	Five history (HIST) courses taken in the Department of History <sup>1, 2</sup>	15
	Total Hours	15

<sup>1</sup> A maximum of two courses can be numbered below 200.

<sup>2</sup> No more than one course (3 hours) of College Board Advanced Placement or International Baccalaureate credit may count toward the minor.

History (HIST) course descriptions (p. 600).

See the program page here (p. 626) for special opportunities.

## Medieval and Early Modern Studies (MEMS) Minor

## Contact Information

Department of History

Visit Program Website (<http://history.unc.edu>)  
556 Hamilton Hall, CB# 3195  
(919) 962-2115

**W. Fitzhugh Brundage, Chair**

**Jeanette Jennings, Undergraduate Coordinator**  
jenninj@email.unc.edu

**Matthew Andrews, Undergraduate Advisor**  
andrewsm@email.unc.edu

**Brett Whalen, Director of Undergraduate Studies**  
bwhalen@email.unc.edu

The undergraduate minor in medieval and early modern studies provides students with a broad, humanities-based approach to the rich and fascinating cultures that flourished globally from around 500 CE to 1800 CE.

## Department Programs

### Major

- History Major, B.A. (p. 620)

### Minors

- History Minor (p. 627)
- Medieval and Early Modern Studies (MEMS) Minor (p. 627)

### Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)
- Ph.D. in History (<http://catalog.unc.edu/graduate/schools-departments/history>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

This interdisciplinary minor requires students to take five classes representing at least three different subject codes.

Code	Title	Hours
<b>Core Requirements</b>		
One core course chosen from:		3
ARTH/ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	
ARTH 264	Medieval Art in Western Europe	
ASIA/HIST 135	History of the Indian Subcontinent to 1750	
ASIA/RELI 180	Introduction to Islamic Civilization	
CMPL 120	Great Books I: Epic and Lyric Traditions	
ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	
HIST 107	Medieval History	

HIST 158	Early Modern European History, 1450-1815	
MUSC 251	Studies in Medieval and Early Modern Music	
At least one course at the 300 level or above		3
No more than three courses at the 100 level (including the core course)		9
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

The following courses are approved for the MEMS minor. With the prior approval of the MEMS minor supervisor up to two courses can be applied to the minor as transfer credits from other institutions.

Code	Title	Hours
<b>Medieval and Early Modern Studies Course List</b>		
AMST/ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3
AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3
ANTH 121	Ancient Cities of the Americas	3
ARTH 54	First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3
ARTH 151	History of Western Art I <sup>H</sup>	3
ARTH 258	Chinese Art and Culture: from Han to Tang	3
ARTH 264	Medieval Art in Western Europe	3
ARTH 265	Medieval Iconography <sup>H</sup>	3
ARTH 270	Early Renaissance Art in Italy	3
ARTH 271	High Renaissance Art in Italy	3
ARTH 274	European Baroque Art	3
ARTH 362	Early Christian Art and Modern Responses	3
ARTH 363	Envisioning Buddhism in Medieval China	3
ARTH 450	The City as Monument <sup>H</sup>	3
ARTH 466	History of the Illuminated Book	3
ARTH 467	Celtic Art and Cultures	3
ARTH 471	Northern European Art of the 14th and 15th Centuries	3
ARTH 472	Early Modern Art, 1400-1750 <sup>H</sup>	3
ARTH 490	Special Topics in Art History (based on topic)	3
ARTH/ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3
ARTH/ASIA 158	Introduction to East Asian Art and Architecture	3
ARTH/ASIA 251	Art in the Age of the Caliphs	3
ARTH/ASIA 266	Arts of Early & Medieval Asia	3
ARTH/ASIA 273	Arts Under the Mughal Dynasty in India	3
ARTH/ASIA 458	Islamic Architecture and the Environment	3
ARTH/ASIA 561	Arts of the Islamic Mediterranean	3
ASIA/HIST 131	Southeast Asia to the Early 19th Century	3
ASIA/HIST 135	History of the Indian Subcontinent to 1750	3
ASIA/HIST 138	History of Muslim Societies to 1500	3
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 183	Asian Religions	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3

ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3	ENGL 332	18th-Century Drama <sup>H</sup>	3
ASIA/RELI 488	Shinto in Japanese History	3	ENGL 430	Renaissance Literature--Contemporary Issues	3
ASIA/RELI 489	Animals in Japanese Religion	3	ENGL/PWAD 660	War in Shakespeare's Plays	3
ASIA/RELI 581	Sufism	3	FREN 370	Survey of French Literature I	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3	FREN 371	Survey of French Literature II	3
ASIA/RELI 584	The Qur'an as Literature	3	FREN 387	Paris/Versailles: The Court and the City in the 17th Century	3
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3	FREN 554	Writing the Mediterranean	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3	GERM 210	Getting Medieval: Knights, Violence, and Romance	3
ASIA 303/ RELI 288	Chinese Religions	3	GERM 216	The Viking Age	3
CLAS 259	Pagans and Christians in the Age of Constantine	3	GERM 310	Höfische Kultur/Courtly Culture	3
CLAS/CMPL 364	The Classical Background of English Poetry <sup>H</sup>	3	GERM 500	History of the German Language	3
CMPL 120	Great Books I: Epic and Lyric Traditions	3	GERM 502	Middle High German	3
CMPL 121	Great Books I: Romancing the World <sup>H</sup>	3	GERM 505	Early New High German	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3	GERM 511	Old Saxon	3
CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3	GERM 514	Old Norse I (Old Icelandic)	3
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3	GERM 515	Old Norse II (Old Icelandic)	3
CMPL 223	Global Authors: Cervantes	3	GERM 615	Cultural Foundations in German Studies, to 1800	3
CMPL 277	Myth, Fable, Novella: The Long History of the Short Story <sup>H</sup>	3	GERM/WGST 220	Women in the Middle Ages	3
CMPL 452	The Middle Ages	3	GSSL 53	First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3
CMPL 453	The Erotic Middle Ages	3	GSSL 58	First-Year Seminar: Love in the Middle Ages	3
CMPL 454	Literature of the Continental Renaissance in Translation <sup>H</sup>	3	HIST 107	Medieval History	3
CMPL 456	The 18th-Century Novel	3	HIST 127	American History to 1865	3
CMPL 458	Sense, Sensibility, Sensuality, 1740-1810	3	HIST 142	Latin America under Colonial Rule	3
CMPL 473	Drama, Pageantry, and Spectacle in Medieval Europe	3	HIST 151	European History to 1650	3
CMPL 478	The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights	3	HIST 177H	Honors Seminar in Early European History	3
CMPL 558	The Lives and Times of Medieval Corpses	3	HIST 228	The Medieval Expansion of Europe	3
CMPL/ENGL 321	Medieval and Modern Arthurian Romance <sup>H</sup>	3	HIST 255	Manor to Machine: The Economic Shaping of Europe	3
CMPL/ENGL 621	Arthurian Romance	3	HIST 398	Undergraduate Seminar in History (based on topic) <sup>H</sup>	3
ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	3	HIST 431	The Medieval Church	3
ENGL 225	Shakespeare <sup>H</sup>	3	HIST 432	The Crusades	3
ENGL 226	Renaissance Drama <sup>H</sup>	3	HIST 434	Medieval England	3
ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	3	HIST 435	The Medieval University	3
ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3	HIST 436	Medieval Theology, Gender, and the Body	3
ENGL 230	Milton <sup>H</sup>	3	HIST 437	Aristocratic Culture in the Central Middle Ages	3
ENGL 319	Introduction to Medieval English Literature, excluding Chaucer <sup>H</sup>	3	HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
ENGL 320	Chaucer <sup>H</sup>	3	HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
ENGL 325	Shakespeare and His Contemporaries <sup>H</sup>	3	HIST 460	Late Medieval and Reformation Germany	3
ENGL 326	Renaissance Genres	3	HIST 461	Early Modern Germany, 1600-1815	3
ENGL 327	Renaissance Literature and Its Intellectual Contexts	3	HIST 561	The American Colonial Experience	3
ENGL 330	Perspectives on the Renaissance	3	HIST/PWAD 254	War and Society in Early Modern Europe	3
ENGL 331	18th-Century Literature <sup>H</sup>	3	HIST/PWAD 351	Global History of Warfare	3
			HIST/RELI 454	The Reformation	3
			HIST/WGST 280	Women and Gender in Latin American History	3
			ITAL 240	Dante in English Translation	3
			ITAL 241	Italian Renaissance Literature in Translation	3
			ITAL 357	Dante, Petrarch, and Boccaccio in English	3
			ITAL 370	Survey of Italian Literature I	3

ITAL 511	Survey of Italian Literature and Culture I (to 1600)	3
LATN 205	Medieval Latin	3
MUSC 251	Studies in Medieval and Early Modern Music	3
PHIL 215	Medieval Philosophy	3
PHIL 220	17th and 18th Century Western Philosophy <sup>H</sup>	3
PHIL 415	Medieval Philosophy	3
PHIL 421	Rationalism	3
PHIL 422	Empiricism	3
PHIL 470	Political Philosophy from Hobbes to Rousseau	3
PORT 501	Survey of Portuguese Literature I	3
RELI 64	First-Year Seminar: Reintroducing Islam	3
RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
RELI 165	Mysticism <sup>H</sup>	3
RELI 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI 366	Medieval Religious Texts	3
RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 450	Sexuality in Jewish Tradition and History	3
RELI 489	Animals in Japanese Religion	3
RELI 525	Seminar in Religion and Literature	3
RELI 566	Islamic and Jewish Legal Literature	3
RELI 586	Women and Gender in Japanese Religions	3
RELI/WGST 371	Women Mystics	3
SPAN 280	Cervantes in English Translation	3
SPAN 371	Studies in Spanish Literature	3
SPAN 383	Medieval Spanish Literature	3
SPAN 384	Spanish Renaissance	3
SPAN 617	Cervantes and the Quijote	3
SPAN 650	The Spanish Comedia of the Golden Age	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 626) for special opportunities.



# INTERDISCIPLINARY STUDIES

## Contact Information

### Interdisciplinary Studies

Visit Program Website (<http://curricula.unc.edu/students/interdisciplinary-studies>)

3018A Steele Building, CB# 3504

### James Thompson, Program Director

[uthomp@email.unc.edu](mailto:uthomp@email.unc.edu)

## Introduction

The interdisciplinary studies major (IDST), designed by the student and the student's faculty advisor, is intended for students who wish to develop a major different from those already offered by the University. An IDST major has more focus than many of the more traditional majors and therefore should not be seen as a default major for someone undecided about his or her course of study. The IDST major must be well conceived and substantially different from majors that students pursue through traditional departments, schools, and curricula. Students must have a grade point average of at least 3.0 and at least 45 hours left before graduation so that they can complete the major in their time left. All IDST students must identify a faculty advisor who, in the absence of a department and a director of undergraduate studies, will serve as their mentor on course selections, career planning, graduate work, and advanced study. Students are strongly encouraged to meet all of the General Education Foundations and Approaches requirements before pursuing the IDST major. The IDST major offers a special opportunity to define a coherent course of study. It is not intended to provide a path that parallels existing majors, nor is it intended to replicate courses of study in the professional schools. The Advisory Board strongly discourages double majors in the IDST program, since focused study in one field is the best path to advancement.

The IDST program is directed by the associate dean for undergraduate curricula in conjunction with an advisory board, representing the three divisions of the College. The board reads and approves all proposals, and initiates any policy changes, with the associate dean serving as initial advisor. Students interested in an interdisciplinary degree program not covered by any degree-granting department or curriculum should apply to the program director for interdisciplinary studies.

In the past, students have designed their own majors in such varied fields as medieval studies, food studies, arts management, medical geography, neuroscience, healthcare policy, medical humanities, cultural studies, behavioral finance, urban studies, documentary studies, computational physics, and ethnobotany.

## Advising

Appointments may be made with James Thompson. Inquiries may be made through email ([uthomp@email.unc.edu](mailto:uthomp@email.unc.edu)). Students should come prepared with a draft of their major proposal. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester.

## Graduate School and Career Opportunities

Since IDST can provide a broad background in the liberal arts, graduate study in a number of academic disciplines is possible. Students are encouraged to contact the graduate or professional school to which they wish to gain admission to determine the specific undergraduate

academic requirements necessary for admission. An IDST major is generally not recommended for students planning graduate study in the sciences, but many students combine majors aimed at medical, legal, or business careers with an IDST major. Career opportunities for IDST majors are as varied as the reasons students give for selecting the major.

### Major

- Interdisciplinary Studies Major, B.A. (p. 632)

## IDST–Interdisciplinary Studies Undergraduate-level Courses

### IDST 89. First-Year Seminar: Special Topics. 3 Credits.

Content varies each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### IDST 101. Topics in Teaching: The Sciences. 1 Credit.

Teaching as an intellectual discipline, including its impact on society.

Students experience teaching, study how people learn, reflect upon their own learning, and discuss the role of education in society. Pass/Fail only.

**Grading status:** Pass/Fail.

### IDST 110. It Only Looks Easy: The Art and Science of Teaching. 1 Credit.

Teaching as an intellectual discipline, including its impact on society.

Students experience teaching, study how people learn, reflect upon their own learning, and discuss the role of education in society.

**Grading status:** Pass/Fail.

### IDST 184. Research beyond Academia. 1 Credit.

Researchers from the Triangle region and beyond will discuss their research to provide students with exposure to research opportunities and careers outside academia. This course meets a requirement for the Carolina Research Scholars Program.

**Grading status:** Pass/Fail.

### IDST 190. Special Topics in Interdisciplinary Studies. 1-3 Credits.

Special topics course. Content varies each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

### IDST 194. Modes of Inquiry. 1 Credit.

A seminar in which faculty discuss their own work. Students will learn how topics are defined and investigated and how undergraduates can engage in discovery. Pass/Fail only.

**Grading status:** Pass/Fail.

### IDST 195. Undergraduate Research Consulting Team. 1 Credit.

A mentored research course for students participating in an undergraduate research consulting team under the supervision of a faculty advisor. Requires participation in research and a report/presentation.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**IDST 201. Increasing Diversity in STEM Research. 1 Credit.**

Required of Chancellor's Science Scholars and open to others by permission of the instructor. The course will explore the broad range of STEM research available at UNC-Chapel Hill, and will address issues of developing more diversity in the STEM research workforce nationwide.

**Repeat rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading status:** Pass/Fail.

**IDST 296. Course Correspondent Project. 1 Credit.**

Permission of the instructor and the instructor's department. Learning contract required. Students participating in UNC-led study abroad programs develop activities to supplement instruction in on-campus courses. Supervised by the on-campus instructor, students file reports on the sites, language, and culture of the country in which they are studying. Pass/Fail only.

**Grading status:** Pass/Fail.

**IDST 301. American Colleges and Universities: Junior Transfer Seminar. 3 Credits.**

This course will examine American colleges and universities from a variety of perspectives, ranging from the individual student's experience to the role of higher education in larger social systems. The course will survey diverse institutions in American higher education. Students will compare the unique needs of these institutions as well as the populations they serve.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade.

**IDST 396. Independent Study. 1-3 Credits.**

Independent project to be arranged with an instructor.

**Repeat rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****IDST 496. Independent Study. 1-6 Credits.**

Permission of the department. Special reading and research for graduate and undergraduate students on a specific interdisciplinary topic under the direction of a faculty member.

**Repeat rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading status:** Letter grade.

**IDST 691H. Senior Honors Thesis. 3 Credits.**

Permission of the instructor. Required of all senior honors candidates.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**IDST 692H. Senior Honors Thesis. 3 Credits.**

Permission of the instructor. Second semester of senior honors thesis; required of all senior honors candidates.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**Interdisciplinary Studies Major, B.A.****Contact Information****Interdisciplinary Studies**

Visit Program Website (<http://curricula.unc.edu/students/interdisciplinary-studies>)

3018A Steele Building, CB# 3504

**James Thompson, Program Director**

[uthomp@email.unc.edu](mailto:uthomp@email.unc.edu)

The interdisciplinary studies major, designed by the student and the student's faculty advisor, is intended for students who wish to develop a major different from those already offered by the departments and curricula belonging to the College of Arts and Sciences.

An IDST major has more focus than many of the more traditional majors and therefore should not be seen as a default major for someone undecided about his or her course of study. The IDST major must be well conceived and substantially different from majors that students pursue through traditional departments, schools, and curricula. Students must have a grade point average of at least 3.0 and at least 45 hours left before graduation so that they can complete the major in their time left. All IDST students must identify a faculty advisor who, in the absence of a department and a director of undergraduate studies, will serve as their mentor on course selections, career planning, graduate work, and advanced study. Students are strongly encouraged to meet all of the General Education Foundations and Approaches requirements before pursuing the interdisciplinary studies major.

**Requirements**

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC-Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC-Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Eight courses chosen from at least three departments and which must be appropriate for juniors and seniors majoring in those departments. <sup>1,2</sup>		24
Total Hours		24

<sup>1</sup> A maximum of four courses from any one department

<sup>2</sup> With the permission of the relevant professional school, a student may use up to 12 hours of professional courses (e.g., in business administration, media and journalism, information and library science, public health, education) in the IDST major. This can be advantageous to students who want some concentration in these areas but who also want a degree in arts and sciences.

The courses should form a coherent major to which the student is able to assign a title. Additionally, students are encouraged to select electives and General Education courses that complement the eight courses chosen for the major.

**Special Opportunities in Interdisciplinary Studies**

Qualified students may pursue honors through one of the departments or curricula included in their major core. IDST students may participate in the undergraduate research opportunities available in the departments

and curricula that constitute their program of study; they sometimes complete an internship either in the summer or during the academic year, and an honors thesis in their senior year.

# CURRICULUM IN LATIN AMERICAN STUDIES

## Contact Information

### Curriculum in Latin American Studies

Visit Program Website (<http://isa.unc.edu>)  
FedEx Global Education Center, CB# 3205  
(919) 962-0398

Louis A. Pérez, Chair

### Beatriz Riefkohl-Muñiz, Director of Undergraduate Studies

[riefkohl@email.unc.edu](mailto:riefkohl@email.unc.edu)

## Introduction

The three main goals of the Curriculum in Latin American Studies are

- to develop students' basic knowledge and comprehension of key themes in Latin American and Caribbean history, cultures, and contemporary social, economic, and political issues;
- to develop students' abilities to think critically, in an interdisciplinary manner, about Latin American and Caribbean issues, past and present, and to locate them within broader global perspectives;
- to develop students' proficiency in Spanish or Portuguese and other languages of the region as needed, as part of their program of study.

## Advising

All majors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies (DUS) works with current and prospective majors by appointment. Majors are expected to meet with the LTAM DUS once a semester and to attend at least one meeting of the LTAM majors a year. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research and internship funding opportunities, and the honors program may be obtained through the Curriculum in Latin American Studies Web page (<http://isa.unc.edu>) or by contacting the director of undergraduate studies (see "Contact Information" above).

## Graduate School and Career Opportunities

The Curriculum in Latin American Studies provides advice for students interested in pursuing graduate school and career opportunities in Latin America or the Caribbean. Please contact the director of undergraduate studies for an appointment. The Curriculum in Latin American Studies participates in a five-year cooperative B.A.–M.A. program with the Center for Latin American Studies at Georgetown University. The agreement allows qualified Latin American studies majors to earn an M.A. in Latin American studies from Georgetown in a year and a summer rather than the normal three to four semesters. For details on the cooperative degree program (<http://isa.unc.edu/academics/undergraduate>) contact the director of undergraduate studies.

### Major

- Latin American Studies Major, B.A. (p. 635)

## Affiliated Faculty

Juan Alamo (Music), Robert Anderson (Romance Studies), Gustavo Angeles (Maternal and Child Health), Javier Arce Nazario (Geography), Shrikant Bangdiwala (Biostatistics), Florence Babb (Anthropology), Clare Barrington (Health Behavior), Brandon Bayne (Religious Studies), Deborah Bender (Health Policy and Administration), Maya Berry (African, African American, and Diaspora Studies), Brian Billman (Anthropology), Richard Bilsborrow (Biostatistics), Kathryn Burns (History), Kia Caldwell (African, African American, and Diaspora Studies), Juan Carrillo (Education), Teresa Chapa (Latin American and Iberian Resources Bibliographer), John Chasteen (History), Rudolf Colloredo-Mansfeld (Anthropology), Glynis Cowell (Romance Studies), Altha Cravey (Geography), Paul Cuadros (Media and Journalism), Emilio Del Valle Escalante (Romance Studies), Eduardo Douglas (Art), Arturo Escobar (Anthropology), Bruno Estigarribia (Romance Studies), Oswaldo Estrada (Romance Studies), David García (Music), Juan Carlos González-Espitia (Romance Studies), Jacqueline Hagan (Sociology), Laura Halperin (English and Comparative Literature), Jonathan Hartlyn (Political Science), Evelyne Huber (Political Science), Miguel LaSerna (History), Julia Mack (Romance Studies), Nina Martin (Geography), Cecilia Martínez-Gallardo (Political Science), Patricia McAnany (Anthropology), David Mora-Marín (Linguistics), Raúl Necochea (Social Medicine), Todd Ochoa (Religious Studies), Rosa Perelmuter (Romance Studies), Louis A. Pérez Jr. (History), Krista Perreira (Social Medicine), Cynthia Radding (History), Alicia Rivero (Romance Studies), Diego Riveros-Iregui (Geography), Carolina Sa Carvalho Pereira (Romance Studies), Tanya Shields (Women's and Gender Studies), Karla Slocum (Anthropology), Angela Stuesse (Anthropology), Brendan Jamal Thornton (Religious Studies), Gabriela Valdivia (Geography), Richard Vernon (Romance Studies), Adam Versényi (Dramatic Art), Ariana Vigil (Women's and Gender Studies), Stephen Walsh (Geography), Deborah Weissman (Law), Lyneise Williams (Art).

## LTAM—Latin American Studies

### Undergraduate-level Courses

#### LTAM 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### LTAM 101. Introduction to Latin American Studies. 3 Credits.

A broad interdisciplinary introduction to the field of Latin American studies.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

#### LTAM 291. The Latino Experience in the United States. 3 Credits.

This is a reading and discussion seminar that will introduce students to topics in the history of Latinos in the United States from the 19th century to the present.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

#### LTAM 390. Special Topics in Latin American Studies. 3 Credits.

#### LTAM 396. Independent Study. 1-3 Credits.

Independent project to be arranged with an instructor.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### LTAM 401. Guanajuato Service Learning. 1 Credit.

This course uses experiential education to explore how Mexicans are building opportunities in migratory communities in the transnational city of Guanajuato. This one-credit course is open to students participating in the UNC Study Abroad Program at the University of Guanajuato, Mexico. Students submit a final paper.

**Grading status:** Pass/Fail.

### LTAM 411. Summer Intensive Introductory Course in Yucatec Maya. 6 Credits.

A three-part intensive introduction to spoken and written modern Yucatec Maya, including classroom instruction; culture, history, and linguistics workshops; and a four-week field study in Yucatán, Mexico.

**Grading status:** Letter grade.

### LTAM 512. Summer Intensive Continuing Course in Yucatec Maya. 6 Credits.

Continuing instruction in spoken and written Yucatec Maya. Classroom instruction; culture, history, and linguistics workshops; and field study. Taught in Yucatán, Mexico.

**Requisites:** Prerequisite, LTAM 411; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

### LTAM 690. Seminar in Latin American Issues. 3 Credits.

### LTAM 691H. Honors in Latin American Studies. 3 Credits.

Directed independent research leading to the preparation of an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

### LTAM 692H. Honors in Latin American Studies. 3 Credits.

Completion of the honors thesis and an oral examination of the thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

### LTAM 697. Capstone Seminar. 3 Credits.

Interdisciplinary core seminar required of Latin American studies majors and open to other students. Topics vary by semester.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

## Latin American Studies Major, B.A.

### Contact Information

#### Curriculum in Latin American Studies

Visit Program Website (<http://isa.unc.edu>)  
FedEx Global Education Center, CB# 3205  
(919) 962-0398

**Louis A. Pérez, Chair**

**Beatriz Riefkohl-Muñiz, Director of Undergraduate Studies**  
riefkohl@email.unc.edu

The three main goals of the Curriculum in Latin American Studies are

1. to develop students' basic knowledge and comprehension of key themes in Latin American and Caribbean history, cultures, and contemporary social, economic, and political issues;

2. to develop students' abilities to think critically, in an interdisciplinary manner, about Latin American and Caribbean issues, past and present, and to locate them within broader global perspectives; and
3. to develop students' proficiency in Spanish or Portuguese and other languages of the region as needed, as part of their program of study.

## Student Learning Outcomes

Upon completion of the Latin American studies program, students should be able to:

- Demonstrate knowledge of the political, geographical, and social complexities of the region
- Demonstrate knowledge of the historical and cultural complexities of the region
- Demonstrate proficiency in Spanish or Portuguese (or other language(s) of the region if approved through special permission)
- Demonstrate an interdisciplinary grasp of Latin American literatures, arts, and ideas
- Apply basic research methods and skills and synthesize and evaluate scholarly research
- Report satisfaction with the program
- Gaining admission to graduate programs or apply knowledge and skills learned in relevant careers

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements (10 courses)</b>		
LTAM 101	Introduction to Latin American Studies (recommended) <sup>1</sup>	
LTAM 697	Capstone Seminar (required) <sup>1</sup>	
Four courses required in the declared primary sequence		12
Two courses in each of the other three sequences		18
<b>Additional Requirements</b>		
Spanish or Portuguese at least through the fifth-semester course <sup>2</sup>		6
Total Hours		36

<sup>1</sup> both courses may count in any sequence.

<sup>2</sup> The first three levels of Spanish or Portuguese may count toward the General Education Foundations requirements and have not been included as additional hours for the major.

The Curriculum in Latin American Studies is divided into two concentrations: humanities and social sciences. These concentrations are further divided into sequences: humanities, into history and culture-literature sequences; social sciences, into journalism-political science



and anthropology-economics-geography sequences. To ensure depth in a single discipline of Latin American and Caribbean studies, four of the 10 courses required for the major must be selected from one of the sequences. To ensure breadth of exposure to other areas of Latin American and Caribbean studies, two courses must be selected from each of the other three sequences.

Listed below are the most commonly offered courses in each sequence. Please note that not all the courses on Latin American and Caribbean topics are listed here, and many other courses may satisfy the major requirements. Special topics courses, first-year seminars, undergraduate seminars, independent studies, and capstone courses taught by Latin Americanist and Caribbeanist faculty members on Latin American and Caribbean topics also may count.

### Humanities Concentration–History Sequence

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 385	Emancipation in the New World	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3
HIST 241	History of Latinos in the United States	3
HIST 242	United States-Latin American Relations	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 528	Guerrillas and Counterinsurgencies in Latin America	3
HIST 529	Mexico, 1750-1870: War, Independence, and Reforms: Citizenship and Conflict in a New Nation	3
HIST 531	History of the Caribbean	3
HIST 532	History of Cuba	3
HIST 533	History of Brazil	3
HIST 534	The African Diaspora	3
HIST/WGST 280	Women and Gender in Latin American History	3
LTAM 291	The Latino Experience in the United States	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Humanities Concentration–Culture-Literature Sequence

#### Portuguese

Code	Title	Hours
PORT 310	Intensive Oral Communication in Portuguese	3
PORT 323	Cultures of Brazil, Portugal, and Portuguese Africa	3
PORT 370	Modern Brazil through Literature and Film in Translation	3
PORT 375	Portuguese and Brazilian Fiction in Translation	3
PORT 382	Women Writers: Brazil and Beyond	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3
PORT 535	Brazilian Drama	3

#### Spanish

Code	Title	Hours
SPAN 270	Contemporary Spanish American Prose Fiction in Translation	3

SPAN 344	Latin@ American Cultural Topics	3
SPAN 361	Hispanic Film	3
SPAN 373	Studies in Latin American Literature	3
SPAN 374	Mesoamerica through Its Native Literatures	3
SPAN 381	Studies in Spanish and Spanish American Poetry	3
SPAN 385	Contemporary Spanish American Prose Fiction	3
SPAN 387	Eroticism in Contemporary Latin American Literature	3
SPAN 389	Outside Cuba: Diasporic Literature and Culture	3
SPAN 613	Colonial and 19th-Century Spanish American Literature	3
SPAN 614	Modernist and Contemporary Spanish American Literature	3
SPAN 625	Indigenous Literatures and Cultures of the Américas	3
SPAN/WGST 620	Women in Hispanic Literature	3

### Other Courses

Code	Title	Hours
ARTH 157	Introduction to Latin American Visual Culture	3
ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
ARTH 267	Latin American Modernisms	3
ARTH 277	Art and Architecture of Viceregal Latin America	3
ARTH 352	Religious Architecture and Visual Culture in Latin America	3
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	3
DRAM 288	Theatre for Social Change	3
DRAM 486	Latin American Theatre	3
ENGL 685	Literature of the Americas	3
LING 558	Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
LTAM 411	Summer Intensive Introductory Course in Yucatec Maya	6
LTAM 512	Summer Intensive Continuing Course in Yucatec Maya	6
MAYA 401	Introduction to Yucatec Maya	3
MUSC 147	Introduction to the Music of the Américas	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Social Sciences Concentration–Journalism-Political Science Sequence

Code	Title	Hours
MEJO 443	Latino Media Studies	3
MEJO 446	Global Communication and Comparative Journalism	3
MEJO 490	Special Topics in Mass Communication <sup>H</sup>	1-3
PLCY 349	Immigration Policy in the 21st Century	3
POLI 231	Latin America and the United States in World Politics	3

POLI 238	Contemporary Latin American Politics <sup>H</sup>	3
POLI 434	Politics of Mexico	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3
POLI 436	Democracy and Development in Latin America (Spanish)	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Social Sciences Concentration—Anthropology-Economics-Geography Sequence

### Anthropology

Code	Title	Hours
ANTH 103	Anthropology of Globalization	3
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3
ANTH 231	Archaeology of South America	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 320	Anthropology of Development	3
ANTH 360	Latin American Economy and Society	3
ANTH 439	Political Ecology	3
ANTH 453	Field School in South American Archaeology <sup>H</sup>	6
ANTH/FOLK 130	Anthropology of the Caribbean	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Economics

Code	Title	Hours
ECON 450	Health Economics: Problems and Policy	3
ECON 454	Economics of Population	3
ECON 465	Economic Development	3
ECON 560	Advanced International Economics	3
ECON/EURO/ PWAD 460	International Economics	3

### Geography

Code	Title	Hours
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	3
GEOG 259	Geography of Latin America	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Other Courses

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 460	Race, Culture, and Politics in Brazil	3
ANTH/LING 303	Native Languages of the Americas	3
LTAM 411	Summer Intensive Introductory Course in Yucatec Maya	6
LTAM 512	Summer Intensive Continuing Course in Yucatec Maya	6
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
SOCI 453	Social Change in Latin America	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Additional Requirements

Majors are encouraged to work toward proficiency in both Spanish and Portuguese. Language across the curriculum (<http://isa.unc.edu/language-programs/language-across-the-curriculum>) (LAC) courses allow students to use their Spanish or Portuguese in select courses. Students taking LAC courses with Spanish or Portuguese recitation sections may receive one hour of additional credit by enrolling in SPAN 308.

All General Education requirements apply. First- and second-year students are strongly encouraged to enroll in LTAM 101, an interdisciplinary introductory course offered each year, usually in the spring.

The following courses are recommended for fulfilling General Education requirements for students interested in majoring in Latin American studies:

### Foreign Language

Spanish or Portuguese should be used to satisfy the Foundations foreign language requirement. The foreign language 1 through 4 sequence (PORT 101, PORT 102, PORT 203, and PORT 204 or SPAN 101, SPAN 102, SPAN 203, and SPAN 204) may be completed in two semesters by enrolling in intensive courses (PORT 111 and PORT 212, or SPAN 111 and SPAN 212).

### Visual and Performing Arts

Code	Title	Hours
DRAM 486	Latin American Theatre	3
MUSC 146	Introduction to World Musics	3

### Literary Arts

Code	Title	Hours
PORT 370	Modern Brazil through Literature and Film in Translation	3
PORT 375	Portuguese and Brazilian Fiction in Translation	3
SPAN 270	Contemporary Spanish American Prose Fiction in Translation	3
SPAN 373	Studies in Latin American Literature	3

### Social and Behavioral Sciences

Code	Title	Hours
ANTH 130	Anthropology of the Caribbean	3
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3

ANTH 320	Anthropology of Development	3
ECON 101	Introduction to Economics <sup>H</sup>	3
GEOG 120	World Regional Geography	3
GEOG 130	Geographical Issues in the Developing World <sup>H</sup>	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
PLCY 349	Immigration Policy in the 21st Century	3
POLI 231	Latin America and the United States in World Politics	3
POLI 238	Contemporary Latin American Politics <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Latin American Studies

### Honors in Latin American Studies

Latin American studies majors with an overall grade point average of 3.3 are invited to pursue a degree with honors by writing an honors thesis during the senior year. Each honors thesis is written under the direction of an appropriate faculty advisor; when completed, the thesis must be defended orally before an examining board of faculty members. Honors candidates enroll in the two honors courses (LTAM 691H and LTAM 692H). LTAM 691H counts as a course in the student's concentration.

### Experiential Education

Students who are particularly committed to field experience or experiential education in Latin America may be able to arrange for this through independent study credit. Students wishing to do so should have the academic support of a regular faculty member and contact the institute's associate director well in advance of the semester in which the experience is to take place.

### Intensive Yucatec Maya

Each summer the Consortium in Latin American and Caribbean Studies at the University of North Carolina and Duke University offers intensive instruction in modern Yucatec Maya, with a secondary focus on ancient, colonial, and modern Maya culture. The courses include classroom instruction in Chapel Hill (LTAM 411) or in Mérida, Mexico (LTAM 512 and LTAM 690), and a field study experience in Yucatán, Mexico. See the Maya program (<http://isa.unc.edu/language-programs/yucatec-maya-institute>) Web site for current course information.

### Independent Study

Any student may enroll in independent study (LTAM 396) with the permission of the curriculum faculty advisor and the agreement of a Latin American or Caribbean studies faculty member who will supervise the student's independent study project. This course may be used to fulfill the requirements of the major, and it is often linked to internships or to undergraduate grants for summer research travel.

### Study Abroad

Study abroad is not a requirement of the major; however, living and studying in Latin America or the Caribbean is highly recommended as an experience that majors should consider. The UNC–Chapel Hill Study Abroad Office offers a broad range of programs in Latin America and the

Caribbean. Visit the Study Abroad Office Web site at [studyabroad.unc.edu](http://studyabroad.unc.edu) (<http://studyabroad.unc.edu>). ISA and the Study Abroad Office offer competitive scholarships for majors wishing to undertake study in Latin America and the Caribbean.

### Undergraduate Awards

Each year UNC–Chapel Hill offers funding opportunities for students conducting research or studying abroad in Latin America or the Caribbean. These include the Julia Crane, Halpern, and Mellon Awards. The Federico Gil award recognizes the best undergraduate honors thesis written on a Latin American or Caribbean topic. Contact the director of undergraduate studies for information.

### Undergraduate Research

Latin American Studies majors are eligible to develop a senior thesis project in their last year. The thesis may be related to a field work project the summer after the junior year. A small number of grants might be available for undergraduate field research in Latin America, especially in connection with a senior thesis.

# DEPARTMENT OF LINGUISTICS

## Contact Information

### Department of Linguistics

Visit Program Website (<http://linguistics.web.unc.edu>)  
104A Smith Building, CB# 3155  
(919) 962-1192

**Misha Becker, Chair**

**David Mora-Marin, Interim Director of Undergraduate Studies (fall 2018)**

[davidmm@unc.edu](mailto:davidmm@unc.edu)

**Katya Pertsova, Director of Undergraduate Studies (spring 2019)**

[pertsova@email.unc.edu](mailto:pertsova@email.unc.edu)

## Introduction

Courses in the department are offered for the general student and for those who wish to receive the bachelor of arts with a major in linguistics. Courses in linguistics are intended to open up systematic perspectives on the nature of human language by means of detailed studies of language structure, language change and language acquisition, the sound system of language, and the syntactic/semantic system of language. The major is designed to provide a fundamental understanding of modern linguistics for the student seeking a general education in the liberal arts as well as for the student preparing for graduate study.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors and minors by appointment. Departmental academic advising is particularly important for those majors who are considering going on to graduate school or who are considering the dual B.A.–M.A. program.

## Graduate School and Career Opportunities

The Department of Linguistics offers an M.A. program with opportunities for specialization in a number of subareas. Detailed information is available from the department Web site. Additionally, more than 100 colleges and universities offer linguistics programs, including several dozen that are considered major programs nationally. Faculty members are pleased to advise students regarding programs best suited to their needs and interests.

In general, the linguistics major is good preparation for a number of career paths because it develops problem solving, the ability to find patterns in complicated data, and writing and argumentation skills. Law and journalism schools and other professional schools are becoming increasingly aware that students with a major in linguistics have strengths in these important areas. United States citizens with a background in linguistics also may find jobs with United States government agencies.

Some students choose to continue specializing in linguistics teaching or research. For this, they typically need to obtain a graduate degree in linguistics. Other possible careers for linguistics majors that have a

close connection to language and linguistics include language teaching, speech pathology/speech and hearing science, language and information technologies (including speech synthesis and recognition, text-content analysis, and machine translation), information and library science, or editing and publishing; some careers in these areas may require a graduate degree.

### Major

- Linguistics Major, B.A. (p. 645)

### Minor

- Linguistics Minor (p. 646)

### Graduate Programs

- M.A. in Linguistics (<http://catalog.unc.edu/graduate/schools-departments/linguistics>)

## Professors

Misha Becker, Paul Roberge.

## Associate Professors

David Mora-Marin, Elliott Moreton, Katya Pertsova, Jennifer Smith, J. Michael Terry.

## Postdoctoral Fellow

Brian Hsu.

## Adjunct Faculty

Becky Butler (Writing Center), Benjamin Frey (American Studies).

## Linguists and Language Scholars in Other Departments

Jennifer Arnold (Psychology and Neuroscience), Uffe Bergeton (Asian Studies), Lucia Binotti (Romance Studies), Connie Eble (English and Comparative Literature), Bruno Estigarribia (Romance Studies), Nina Furry (Romance Studies), Peter C. Gordon (Psychology and Neuroscience), Lamar Graham (Romance Studies), Wendan Li (Asian Studies), Patrick O'Neill (English and Comparative Literature), Dean Pettit (Philosophy), Patricia E. Sawin (American Studies).

## Professors Emeriti

Randall Hendrick, H. Craig Melchert.

## LING–Linguistics

### Undergraduate-level Courses

#### LING 50. First-Year Seminar: Language in the U.S.A.. 3 Credits.

The linguistic landscape of the United States in historical and contemporary perspective: American English dialects, language maintenance and shift among Native American and immigrant groups, language politics and policy.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**LING 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**LING 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**LING 101. Introduction to Language. 3 Credits.**

Introduction to the formal analysis of human language, including sounds, words, sentences, and language meaning, plus child language acquisition, language change over time, social attitudes toward language, and similarities and differences among languages. Other topics may include writing systems, animal communication, and language analysis by computers.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**LING 101H. Introduction to Language. 3 Credits.**

Introduction to the formal analysis of human language, including sounds, words, sentences, and language meaning, plus child language acquisition, language change over time, social attitudes toward language, and similarities and differences among languages. Other topics may include writing systems, animal communication, and language analysis by computers.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**LING 138. Linguistic Anthropology. 3 Credits.**

An introduction to linguistic anthropology and anthropological linguistics. The course approaches the complex interconnections between language, culture, and cognition; theoretical approaches employed during the past century (structuralism, functionalism, ethnoscience, universalism, linguistic relativity); common case studies (spatial language, colors, classifiers, deixis); verbal art (orality, literacy), linguistic ideology; and ethnolinguistic vitality.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 138.

**LING 145. Language and Communication. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHIL 145.

**LING 145H. Language and Communication. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHIL 145H.

**LING 165. Exploring the World's Languages. 3 Credits.**

Students develop an understanding of and appreciation for the diverse range of human languages across the planet, as well as the uniformity that underlies them. Topics include history, classification, and linguistic properties of the world's languages. May substitute for LING 101 with department permission.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**LING 200. Phonology. 3 Credits.**

Description and analysis of sound patterns from languages around the world. Introduction to formal phonological models, written argumentation, and hypothesis testing. Students may not receive credit for both LING 200 and LING 523.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 201. Syntax. 3 Credits.**

Introduction to the goals and methods of transformational analysis, using English primarily, but examining how these techniques can be used to describe syntactic processes in other languages. Students may not receive credit for both LING 201 and LING 530.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 202. Linguistic Variation and Language Change. 3 Credits.**

Introduction to the analysis and description of language change, relationships among languages, and types of linguistic structure. Students may not receive credit for both LING 202 and LING 525.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 203. Language Acquisition and Development. 3 Credits.**

Provides an introduction to first-language acquisition, focusing on the acquisition of phonology, morphology, syntax, and semantics, as well as on the social context of language acquisition and issues of atypical language development. Students may not receive credit for both LING 203 and LING 528.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 222. Language and Communication. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind.

**Grading status:** Letter grade.

**LING 290. Special Topics in Linguistics. 3 Credits.**

In-depth treatment of a selected issue or topic in linguistics. Topic will vary with the instructor. Course may be taken more than once when the topic varies.

**Requisites:** Prerequisite, LING 101.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**LING 302. Language and Power. 3 Credits.**

This course provides an overview of language and power studies. Issues: sexist and sex-neutral language; languages of subcultures defined by gender, sexual orientation, ethnicity; hate speech; "politically correct" language.

**Grading status:** Letter grade

**Same as:** ANTH 302, WGST 302.



**LING 303. Native Languages of the Americas. 3 Credits.**

This course is an introduction to languages indigenous to the Americas. The course touches on the linguistic structure and classification of Native American languages as well as on social issues.

**Grading status:** Letter grade

**Same as:** ANTH 303.

**LING 304. Introduction to Discourse. 3 Credits.**

Focuses on the use of linguistic forms to express communicative intentions. How language is used for the purposes of persuasion, manipulation, irony, humor, poetry, propaganda, and attitudes.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 305. Race against Time: Language Revitalization. 3 Credits.**

Students are introduced to the causes and contexts of language endangerment and the complex process of language revitalization. Topics to be covered include assessment of endangerment level, language and thought, language attitudes, bilingual education, and language planning. We will also consider a number of case studies of endangered languages.

**Requisites:** Prerequisite, LING 101.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**LING 306. Language and Nationalism. 3 Credits.**

This course focuses on language, identity, and nationalism in contemporary societies, with special emphasis on Europe, Africa, Asia, and the United States. Previously offered as SLAV 306.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade

**Same as:** GSLL 306.

**LING 333. Human Language and Animal Communication Systems. 3 Credits.**

Comparative study of human language alongside selected non-human communication systems. Anatomy, acoustics, combinatorial structure, innateness and acquisition, evolution. Sizable lab and field component.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**LING 335. Structure of African American English. 3 Credits.**

This course treats the structural properties of African American English. Students will learn to use sentence data to test hypotheses about language structure by investigating the syntax and semantics of African American English.

**Grading status:** Letter grade

**Same as:** AAAD 335.

**LING 360. Introduction to Hispanic Linguistics. 3 Credits.**

Introduction to the linguistic study of sound, meaning, grammatical form, dialectal and sociolinguistic variation, with a particular focus on modern Spanish and the languages of Spain and Latin America. Previously offered as SPAN/LING 377.

**Requisites:** Prerequisite, SPAN 300.

**Grading status:** Letter grade

**Same as:** SPAN 360.

**LING 376. Phonetics and Phonology. 3 Credits.**

Introduction to the description of sound systems with a focus on Spanish. Includes the study of the historical development of Spanish and its areal and social variation in Spain, Latin America, and the United States.

**Requisites:** Prerequisite, SPAN 300.

**Grading status:** Letter grade

**Same as:** SPAN 376.

**LING 383. Linguistic Structuralism: Sources and Influences. 3 Credits.**

Linguistic structuralism as a background for modern theories of language.

**Grading status:** Letter grade.

**LING 395. Group Mentored Research. 1-3 Credits.**

Permission of instructor. Students gain first-hand experience conducting research as part of a research group working together on a single project under the advisement of a faculty member. Topics will vary.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****LING 400. Introduction to General Linguistics. 3 Credits.**

An introduction to the scientific study of language. The nature of language structure. How languages are alike and how they differ.

**Grading status:** Letter grade

**Same as:** ANTH 400.

**LING 401. Language and Computers. 3 Credits.**

Uses simple linguistic problems to introduce students to the use of programming languages especially suited to analyze and process natural language on the computer. No prior programming knowledge is presupposed.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 409. Cognitive Linguistics. 3 Credits.**

Development of and present state of research in cognitive linguistics. Readings discuss various language phenomena and are drawn from linguistics, psychology, philosophy, artificial intelligence, and literary analysis of metaphor.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**LING 410. Philosophy of Language. 3 Credits.**

At least two courses in philosophy other than PHIL 155, including PHIL 345, strongly recommended. A study of important contemporary contributions in philosophy of language. Topics include meaning, reference, and truth.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** PHIL 445, LING 445.

**LING 422. Research Methods in Phonetics and Laboratory Phonology. 3 Credits.**

Focuses on the practical skills required to carry out basic experiments in speech production or perception. Includes training in a general-purpose programming language (such as Perl) for automating repetitive tasks, experiment-control software, audio stimulus manufacture and editing, palatography, aerodynamic measurements, and other laboratory techniques relevant to student interests.

**Requisites:** Prerequisite, LING 200, 520, 523, or SPHS 540.

**Grading status:** Letter grade.

**LING 428. Bilingualism and Second-Language Acquisition. 3 Credits.**

This course covers theoretical issues in childhood simultaneous bilingualism, and child and adult second-language acquisition, under both naturalistic and classroom learning circumstances.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 444. Origin and Evolution of Human Language. 3 Credits.**

Recommended preparation, at least one higher-level core course in linguistics. Surveys current answers to such questions as, When and how did language first appear? What do other animal communication systems share with language? Do restricted linguistic systems (e. g., pidgins) preserve "fossils" of early human language?

**Requisites:** Prerequisite, LING 101.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**LING 445. Philosophy of Language. 3 Credits.**

At least two courses in philosophy other than PHIL 155, including PHIL 345, strongly recommended. A study of important contemporary contributions in philosophy of language. Topics include meaning, reference, and truth.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** PHIL 445, LING 410.

**LING 455. Symbolic Logic. 3 Credits.**

Introduction for graduates and advanced undergraduates.

**Gen Ed:** QR.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** PHIL 455.

**LING 460. Introduction to Textual Data Analysis. 3 Credits.**

The course covers methods for analyzing and compiling large amounts of textual data (corpora, databases, etc.) with the help of current software for text-manipulation, graphing, and statistical analysis.

**Grading status:** Letter grade.

**LING 484. Discourse and Dialogue in Ethnographic Research. 3 Credits.**

Study of cultural variation in styles of speaking applied to collection of ethnographic data. Talk as responsive social action and its role in the constitution of ethnic and gender identities.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade

**Same as:** ANTH 484, FOLK 484.

**LING 490. Advanced Topics in Linguistics. 3 Credits.**

Directed readings on linguistic topics not covered in specific courses.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**LING 493. Internship in Linguistics. 3 Credits.**

Permission of instructor. This course allows students to integrate theoretical knowledge with practice through an internship experience in the field of linguistics. Students may work with businesses or organizations in the areas of computational linguistics, language documentation, education, publishing, or other related fields. Activities must be approved by faculty and supervised by a mentor.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**LING 495. Individual Mentored Research. 1-3 Credits.**

Permission of instructor. Students carry out a research project of their own design under the direct supervision of a faculty mentor. This course is intended for advanced, motivated students who would like to pursue an in-depth research project within a single semester.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**LING 496. Independent Study in Linguistics. 1-3 Credits.**

Permission of the director of undergraduate studies. LING 101 and additional coursework in linguistics strongly recommended. An intensive mentored project; topic to be determined in a learning contract between student and instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**LING 520. Linguistic Phonetics. 3 Credits.**

Introduction to the general principles of linguistic phonetics; anatomy of vocal tract, physiology of speech production, universal phonetic theory. Practice in the recognition and transcription of speech sounds.

**Grading status:** Letter grade

**Same as:** ANTH 520.

**LING 522. Experimental Phonetics and Laboratory Phonology. 3 Credits.**

This course relates linguistic theory to experimental findings. Students design and carry out experiments to test theoretical issues of current theoretical importance.

**Requisites:** Prerequisites, LING 520, and 200 or 523.

**Grading status:** Letter grade.

**LING 523. Phonological Theory I. 3 Credits.**

Permission of the instructor for undergraduates. Introduction to the principles of modern generative phonology. Methods and theory of phonological analysis. Students may not receive credit for both LING 200 and LING 523.

**Requisites:** Prerequisite, LING 520, or SPHS 530 or 540.

**Grading status:** Letter grade

**Same as:** ANTH 523.

**LING 524. Phonological Theory II. 3 Credits.**

Intermediate phonological theory and analysis.

**Requisites:** Prerequisite, LING 200 or 523.

**Grading status:** Letter grade.

**LING 525. Introduction to Historical and Comparative Linguistics. 3 Credits.**

Permission of the instructor for undergraduates. Theories and methods of historical and comparative linguistics, with emphasis upon the Indo-European family. Students may not receive credit for both LING 202 and LING 525.

**Grading status:** Letter grade.

**LING 526. Second-Language Phonetics and Phonology. 3 Credits.**

Production, perception, and phonological patterns and processes in second-language learning and use. Effects of first-language transfer and universal linguistic factors. Seminar-style class based on primary literature.

**Requisites:** Prerequisite, LING 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**LING 527. Morphology. 3 Credits.**

Cross-linguistic investigation of internal word structure: inflection and derivation, word formation rules versus affixation, autosegmental morphology, morpholexical and morphophonemic rules, and the interaction of morphology with phonology and syntax.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade.

**LING 528. Language Acquisition I. 3 Credits.**

Permission of the instructor for undergraduates. One course in phonology or syntax recommended. Child language from a theoretical perspective.

Topics include segmentation problems, acquisition of phonology, morphology and syntax, lexical acquisition, and language development in blind and deaf children and in bilinguals. Students may not receive credit for both LING 203 and LING 528.

**Grading status:** Letter grade.

**LING 529. Language Acquisition II. 3 Credits.**

This course focuses on the development of syntax in first-language acquisition in children. Topics will include parameter setting, null subjects, root infinitives, aspect, A-movement, binding theory, and control.

**Requisites:** Prerequisites, LING 203 or 528, and LING 201 or 530.

**Grading status:** Letter grade.

**LING 530. Syntactic Theory I. 3 Credits.**

Permission of the instructor for undergraduates. Methods and theory of grammatical analysis within the transformational generative framework. Special emphasis on analyzing syntactic and semantic structures of English. Students may not receive credit for both LING 201 and LING 530.

**Grading status:** Letter grade.

**LING 533. Syntactic Theory II. 3 Credits.**

Methods and theory of grammatical analysis, with special reference to transformational grammar.

**Requisites:** Prerequisite, LING 530.

**Grading status:** Letter grade.

**LING 537. Semantic Theory I. 3 Credits.**

Semantics as a part of linguistic theory: co- and disjoint reference among nominals, "crossover" phenomena, quantifier scope, lexical semantics, Montague grammar and compositional semantics, and explanatory universals in semantic theory.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade.

**LING 538. Semantic Theory II. 3 Credits.**

A continuation of LING 537 (Semantic Theory I), this course prepares the student to read the formal semantic literature and to do original research in the field.

**Requisites:** Prerequisite, LING 537.

**Grading status:** Letter grade.

**LING 539. Language of Time. 3 Credits.**

The representation of time and temporal relations in natural languages. Cross-linguistic study of tense and aspect distinctions, modality, temporal adverbials, temporal anaphora, and sequences of tenses.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade.

**LING 540. Mathematical Linguistics. 3 Credits.**

Introduction to topics in logic, set theory, and modern algebra with emphasis on linguistic application. Automata theory and the formal theory of grammar with special reference to transformational grammars. No previous mathematics assumed.

**Requisites:** Prerequisite, LING 101.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**LING 541. Sociolinguistics. 3 Credits.**

Introduction to the study of language in relation to society; variation as it correlates with socioeconomic status, region, gender; the social motivation of change; language and equality; language maintenance, planning, shift.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade

**Same as:** ANTH 541.

**LING 542. Pidgins and Creoles. 3 Credits.**

Examination of the social contexts of language contact and their linguistic outcomes, with particular emphasis on the formation of pidgins and creoles. The course investigates the structural properties of these new contact languages and evaluates the conflicting theories that explain their genesis.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade

**Same as:** ANTH 542.

**LING 543. Language in Politics. 3 Credits.**

Examines language as a political issue in the 19th and 20th centuries. Emphasis placed on American and British politics but attention to one other national context as well.

**Grading status:** Letter grade.

**LING 545. Language and Mind. 3 Credits.**

The course treats the relationship among linguistics, artificial intelligence, neurobiology, cognitive psychology, and the philosophies of mind, language, and science.

**Requisites:** Prerequisite, ENGL 313, LING 101, LING 400, or PHIL 145; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**LING 547. Language Deficits and Cognition. 3 Credits.**

Survey of the linguistic properties associated with aphasia, autism, Williams syndrome, dyslexia, and schizophrenia. Emphasis on the implications of these conditions for theories of mind.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade.

**LING 550. Introduction to Indo-European: Phonology. 3 Credits.**

A survey of the phonological systems of the major Indo-European languages and their development from Proto-Indo-European.

**Grading status:** Letter grade.

**LING 551. Introduction to Indo-European: Morphology. 3 Credits.**

Introduction to the major morphological categories in the Indo-European languages and their development from the proto-language.

**Requisites:** Prerequisite, LING 550.

**Grading status:** Letter grade.

**LING 558. Ancient Mayan Hieroglyphs. 3 Credits.**

This course is an introduction to the ancient scripts of pre-Columbian Mexico and Central America. It focuses on the following scripts: Mayan, Epi-Olmec, Zapotec, and Mixtec.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**LING 560. Mesoamerican Languages and Linguistics. 3 Credits.**

Surveys the basic characteristics that unify Mesoamerica as a cultural and linguistic area (e.g. sound systems, word order, color systems, diffused vocabulary, etc.), the basic sources of cultural and linguistic information available (e.g. ancient hieroglyphs, colonial manuscripts, contemporary documents, linguistic fieldwork), and the consequences of ancient and modern cross-cultural interaction.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**LING 561. Native Languages of the Americas. 3 Credits.**

This course explores the phonological and morphological structure of selected Amerindian languages indigenous to the Americas. Emphasis is on the linguistic analysis of original as well as published primary data.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading status:** Letter grade.

**LING 562. Structure of Russian. 3 Credits.**

Examines Russian from the perspective of linguistic analysis. How do sounds, words, and sentences pattern in Russian? How do these compare with patterns in other languages? Also considers the influence of evidence from Russian on the development of linguistic theory.

**Requisites:** Prerequisite, LING 101 or RUSS 102; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** RUSS 562.

**LING 563. Structure of Japanese. 3 Credits.**

Introductory linguistic description of modern Japanese. For students of linguistics with no knowledge of Japanese and students of Japanese with no knowledge of linguistics.

**Requisites:** Prerequisite, JAPN 102 or LING 101.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** JAPN 563.

**LING 564. History of the French Language. 3 Credits.**

The phonology, morphology, and syntax of French are traced from the Latin foundation to the present. Lectures, readings, discussions, and textual analysis.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** FREN 564.

**LING 565. French Phonetics and Phonology. 3 Credits.**

The study of sounds as system in modern standard French. Lecture, discussion, laboratory practice in practical phonetics according to individual needs.

**Requisites:** Prerequisite, FREN 300; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** FREN 565.

**LING 566. Structure of Modern French. 3 Credits.**

Introduction to phonology, morphology, and syntax of modern standard French. Application of modern linguistic theory to the teaching of French.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** FREN 566.

**LING 567. Structure of German. 3 Credits.**

LING 101 recommended for undergraduates. Introduction to formal analysis of German grammar (phonology, morphophonemics, prosodics, morphology, syntax) within the framework of generative grammar.

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** GERM 501.

**LING 573. Linguistic Field Methods I. 3 Credits.**

Analysis and description of a language unknown to the class from data solicited from a native-speaker consultant.

**Grading status:** Letter grade

**Same as:** ANTH 793.

**LING 574. Linguistic Field Methods II. 3 Credits.**

Continuation of LING 573.

**Grading status:** Letter grade

**Same as:** ANTH 794.

**LING 583. History and Philosophy of Linguistics. 3 Credits.**

Linguistic theories from classical times to the present with special emphasis on the origins of contemporary theories.

**Requisites:** Prerequisite, LING 101.

**Grading status:** Letter grade.

**LING 678. History of the Spanish Language. 3 Credits.**

SPAN 376 desirable. A theoretical study of the evolution of Spanish from classical and spoken Latin, focusing on phonological, morphological, and syntactic phenomena. Intended for linguistics majors.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** SPAN 678.

**LING 691H. Senior Honors Thesis. 3 Credits.**

See the program for honors in the College of Arts and Sciences and the department honors advisor.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**LING 692H. Senior Honors Thesis. 3 Credits.**

See the program for honors in the College of Arts and Sciences and the department honors advisor.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Yucatec Maya (MAYA)

### Advanced Undergraduate and Graduate-level Courses

**MAYA 401. Introduction to Yucatec Maya. 3 Credits.**

Introduction to basic grammar and vocabulary, as well as cultural context and literary genres.

**Grading status:** Letter grade.

# Linguistics Major, B.A.

## Contact Information

### Department of Linguistics

Visit Program Website (<http://linguistics.web.unc.edu>)

104A Smith Building, CB# 3155

(919) 962-1192

**Misha Becker, Chair**

**David Mora-Marin, Interim Director of Undergraduate Studies (fall 2018)**

davidmm@unc.edu

**Katya Pertsova, Director of Undergraduate Studies (spring 2019)**

pertsova@email.unc.edu

Courses in linguistics are intended to open up systematic perspectives on the nature of human language by means of detailed studies of language structure, language change and language acquisition, the sound system of language, and the syntactic/semantic system of language. The major is designed to provide a fundamental understanding of modern linguistics for the student seeking a general education in the liberal arts as well as for the student preparing for graduate study.

## Department Programs

### Major

- Linguistics Major, B.A. (p. 645)

### Minor

- Linguistics Minor (p. 646)

### Graduate Programs

- M.A. in Linguistics (<http://catalog.unc.edu/graduate/schools-departments/linguistics>)

## Student Learning Outcomes

Upon completion of the linguistics program, students should be able to:

- Use a linguistic analysis method (i.e., a formal model or a framework) correctly and apply it to a novel set of linguistic data
- Formulate and test hypotheses on the basis of a linguistic data set or information about language-related behavior
- Express their knowledge of some linguistic topic clearly and effectively in a written assignment of term-paper length

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
LING 101	Introduction to Language (with a grade of C or better) <sup>H</sup>	3
<b>Core Requirements</b>		
One course each from three of the following four pairs (total of three courses): <sup>1</sup>		9
LING 200	Phonology	
	or LING 520 Linguistic Phonetics	
LING 201	Syntax	
	or LING 537 Semantic Theory I	
LING 202	Linguistic Variation and Language Change	
	or LING 541 Sociolinguistics	
LING 203	Language Acquisition and Development	
	or LING 527 Morphology	
Four additional linguistics courses chosen from the following lists:		12
Up to four LING courses numbered 200 to 699, excluding LING 400 <sup>2</sup>		
No more than two courses chosen from:		
AAAD 421	Introduction to the Languages of Africa	
AMST 374	America's Threatened Languages	
CHIN 253	Chinese Language and Society	
COMP 455	Models of Languages and Computation	
ENGL 313	Grammar of Current English	
ENGL 314	History of the English Language	
GERM 500	History of the German Language	
GERM 501	Structure of German	
GERM 514	Old Norse I (Old Icelandic)	
GERM 515	Old Norse II (Old Icelandic)	
GERM 521	Variation in German	
GERM 545	Problems in Germanic Linguistics	
ITAL 526	History of the Italian Language	
PHIL 345	Reference and Meaning	
PORT 526	History of the Portuguese Language	
PSYC 432	Psychology of Language	
SPAN 683	Guaraní Linguistics	
SPHS 530	Introduction to Phonetics	
SPHS 540	Speech Science	
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	
SPHS 582	Introductory Audiology I	
Total Hours		24

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With the instructor's permission, students may take LING 523 instead of LING 200, LING 530 instead of LING 201, LING 525 instead of LING 202 or LING 528 instead of LING 203. Credit will not be granted for both the 200 level course and its graduate level counterpart noted here. However, students may receive credit for both courses in the pairs noted above (LING 200/LING 520; LING 201/LING 537; LING 202/LING 541; LING 203/LING 527), one as a core class and the other as an elective.



<sup>2</sup> No more than six (6) combined credit hours from LING 395, LING 493, and LING 495) can be counted toward the major.

Thus, the major requires eight courses, including LING 101. Students majoring in linguistics may concentrate entirely in linguistics, or they may select their major courses to include a field related to linguistics, such as linguistic anthropology, computer processing of language data, philosophy of language, psychology of language, sociology of language, speech and hearing sciences, or study of a particular language or language family. Any such second-field option should be planned in consultation with the student's advisor. Students interested in a career in speech pathology may pursue a minor in speech and hearing sciences through the Division of Speech and Hearing Sciences in the UNC School of Medicine.

Students interested in the linguistics major are encouraged to consult with the department's director of undergraduate studies. Additional information about the major is provided on the department's Web site (<http://linguistics.web.unc.edu>); select the link for the undergraduate program.

Linguistics (LING) course descriptions (p. 639).

## Dual Bachelor's–Master's Degree Program

The dual B.A.–M.A. program offers highly motivated undergraduates the opportunity to earn an M.A. in less than the usual time by completing some of the M.A. requirements while still an undergraduate. Students must have a grade point average of 3.3 overall and 3.5 in linguistics. Students interested in pursuing this program should consult the department's director of undergraduate studies, Professor Katya Pertsova, to assess feasibility.

## Special Opportunities

### Honors in Linguistics

Any linguistics major with a cumulative total grade point average of at least 3.3 and at least 3.5 within the linguistics major is eligible to attempt a degree with honors in linguistics. To graduate with honors, a student must work with a faculty supervisor, enroll in LING 691H and LING 692H during the senior year, and complete and defend an honors thesis according to departmental and Honors Carolina requirements. Interested students should contact the honors advisor, Professor Katya Pertsova, during their junior year.

### Departmental Involvement

Many linguistics majors and minors join Underling, the undergraduate linguistics club, which sponsors a variety of educational, outreach, social, and career-development events each year.

### Study Abroad

Students in linguistics are encouraged to consider study abroad. Courses that can be applied toward the linguistics major and minor are available through many of the programs administered by the Study Abroad Office.

### Undergraduate Awards

The Marc Adam Eisdorfer Award recognizes the graduating senior judged most outstanding in academic achievement in linguistics. It was established in 1998 by Sandra Eisdorfer in memory of her son, a graduate of the class of 1984.

## Linguistics Minor

### Contact Information

#### Department of Linguistics

Visit Program Website (<http://linguistics.web.unc.edu>)  
104A Smith Building, CB# 3155  
(919) 962-1192

#### Misha Becker, Chair

**David Mora-Marin, Interim Director of Undergraduate Studies (fall 2018)**  
[davidmm@unc.edu](mailto:davidmm@unc.edu)

**Katya Pertsova, Director of Undergraduate Studies (spring 2019)**  
[pertsova@email.unc.edu](mailto:pertsova@email.unc.edu)

Courses in the department are offered for the general student and for those who wish to receive the bachelor of arts with a major in linguistics. Courses in linguistics are intended to open up systematic perspectives on the nature of human language by means of detailed studies of language structure, language change and language acquisition, the sound system of language, and the syntactic/semantic system of language.

## Department Programs

### Major

- Linguistics Major, B.A. (p. 645)

### Minor

- Linguistics Minor (p. 646)

### Graduate Programs

- M.A. in Linguistics (<http://catalog.unc.edu/graduate/schools-departments/linguistics>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in linguistics consists of four linguistics courses numbered 200 or higher.

Code	Title	Hours
<b>Core Requirements</b>		
Two courses selected from: <sup>1</sup>		6
LING 200	Phonology	
LING 201	Syntax	
LING 202	Linguistic Variation and Language Change	
LING 203	Language Acquisition and Development	
Two additional LING courses numbered 200 or higher. <sup>2,3</sup>		6
Total Hours		12

<sup>1</sup> LING 101 is a prerequisite for these courses.

<sup>2</sup> In order to fashion a coherent program of study that complements the student's major, the department encourages students to select these two courses in consultation with the department's director of undergraduate studies.

<sup>3</sup> No more than three combined hours of LING 395, LING 493, and LING 495 can be counted toward the minor.

Linguistics (LING) course descriptions (p. 639).

See the program page here (p. 646) for special opportunities.

# DEPARTMENT OF MARINE SCIENCES

## Contact Information

### Department of Marine Sciences

Visit Program Website (<http://www.marine.unc.edu>)  
3202 Venable and Murray Halls, CB# 3300  
(919) 962-1252

### Harvey Seim, Chair

### Marc Alperin, Director of Undergraduate Studies

[alperin@email.unc.edu](mailto:alperin@email.unc.edu)

### Violet Anderson, Student Services Manager

[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

## Introduction

The Department of Marine Sciences provides instruction and conducts research in biological, chemical, geological, and physical oceanography. Although it emphasizes graduate training, the department offers basic coursework, opportunities for supervised practical experience, and an academic minor to all advanced undergraduates. The minor is designed to allow students access to departmental courses, facilities, and advisors in order to develop marine specializations related to their majors and to prepare for postgraduate study in marine sciences or a related field. Introductory courses also are offered for all undergraduates who are interested in marine sciences.

## Advising

The director of undergraduate studies advises students on selecting appropriate coursework in marine sciences, reviews progress toward completion of the minor, and assists in approving equivalent courses. All current and prospective minors are strongly encouraged to meet with the director of undergraduate studies prior to declaring their minor.

## Facilities

Research laboratories are equipped for general studies in marine sciences and the special research interests of faculty and students. The Institute of Marine Sciences, located in Morehead City, NC, houses laboratory buildings with dock and ocean access. The Institute operates a modern 48-foot coastal vessel, the *R.V. Capricorn*, and a fleet of outboard-powered boats.

## Graduate School and Career Opportunities

The director of undergraduate studies advises students on graduate school and/or career opportunities in marine sciences.

### Minor

- Marine Sciences Minor (p. 653)

### Graduate Programs

- M.S. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences>)
- Ph.D. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences>)

## Distinguished Professors

Christopher S. Martens, Brent A. McKee, Rachel Noble, Hans Pearl, Charles H. Peterson.

## Professors

Carol Arnosti, John M. Bane Jr., Jaye E. Cable, F. Joel Fodrie, Niels Lindquist, Richard A. Luettich, Michael Piehler, Antonio Rodriguez, Alberto Scotti, Harvey Seim, Andreas Teske.

## Associate Professors

Marc J. Alperin, Adrian Marchetti, Brian L. White.

## Assistant Professors

Karl Castillo, Emily Eidam, Scott Gifford, Wei Mei, Alicia Septer.

## Research Associate Professors

Stephen Fegley, Johanna Rosman.

## Research Assistant Professor

Barbara MacGregor.

## Adjunct Professors

Frederick Bingham (UNC–Wilmington), Carolyn Currin (National Oceanic and Atmospheric Administration Lab, Beaufort, N.C.), Stephen Fegley (UNC Institute of Marine Sciences), Jeffrey Hanson (Waveforce), Mandy Joye (University of Georgia), R. Wayne Litaker (National Oceanic and Atmospheric Administration Lab, Beaufort, N.C.), Kenneth J. Lohmann (Biology), Stephen A. Skrabal (UNC–Wilmington), Jill Stewart (Environmental Sciences and Engineering), William Sunda (National Oceanic and Atmospheric Administration Lab, Beaufort, NC, retired), Patricia Tester (National Oceanic and Atmospheric Administration Lab, Beaufort, N.C.).

## Professors Emeriti

Dan Albert, Brigitte Kohlmeyer, Jan J. Kohlmeyer, A. Conrad Neumann.

## MASC–Marine Sciences

### Undergraduate-level Courses

#### MASC 51. First Year Seminar: Global Warming: Science, Social Impacts, Solutions. 3 Credits.

Students will examine evidence that human activity has caused global warming, investigate scientists' ability to predict climate change, and discuss the political and social dimensions of global climate change.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

#### MASC 52. First-Year Seminar: Living with Our Oceans and Atmosphere. 3 Credits.

Modern theories of changing weather, severe weather events, oceanic hazards, interactions between the oceans and atmosphere, and changes that are linked to human activity.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 53. First-Year Seminar: The Ends of the Earth: Polar Oceanography and Exploration. 3 Credits.**

What explains the "pull of the poles"? This seminar combines a modern survey of polar oceanography with historical views of early polar explorations, as reported by the explorers themselves.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 55. First-Year Seminar: Change in the Coastal Ocean. 3 Credits.**

This course provides an opportunity to explore changes in marine and closely linked terrestrial environments caused by the interactions of fascinating oceanographic processes. Introductory presentations and discussions will focus on published works of active marine scientists who combine disciplinary training with knowledge and skills from other fields.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 57. First-Year Seminar: From "The Sound of Music" to "The Perfect Storm. 3 Credits.**

Students will develop the conceptual framework necessary to understand waves of any kind, starting from laboratory observations.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** MATH 63.

**MASC 57H. First-Year Seminar: From "The Sound of Music" to "The Perfect Storm. 3 Credits.**

Students will develop the conceptual framework necessary to understand waves of any kind, starting from laboratory observations.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** MATH 63H.

**MASC 58. First-Year Seminar: Connections to the Sea: The Challenges Faced by Using and Living near Coastal In. 3 Credits.**

This course explores the natural history of several inlets, impact of human intervention, and political/policy challenges faced; includes several group projects/presentations and a field trip to a coastal inlet.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 59. First-Year Seminar: Extreme Microorganisms: Pushing the Limits of Life on Earth and Beyond. 3 Credits.**

This seminar focuses on some of the most extreme microorganisms on the planet, microorganisms that thrive without oxygen, under high temperatures (e.g., in pressurized water above the boiling point), and under chemical stress factors (high sulfide and heavy metal concentrations) that were once thought to be incompatible with life.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 89. First -Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MASC 101. The Marine Environment. 3 Credits.**

Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. Science majors should take MASC 401. Students may not receive credit for both MASC 101 and MASC 401.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 103.

**MASC 108. Climate and Energy Transitions: Understanding the Forecasts. 4 Credits.**

This course examines uncertainties in projecting future fossil fuel consumption and impact on global climate by quantifying how effectively alternative power-generation and energy-storage technologies can scale to meet needs in developing and developed nations, and by understanding past and present climates.

**Gen Ed:** PX, GL.

**Grading status:** Letter grade

**Same as:** GEOL 108, PHYS 108.

**MASC 190. Special Topics in Marine Sciences. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in marine sciences.

**Grading status:** Letter grade.

**MASC 220. North Carolina Estuaries: Environmental Processes and Problems. 3 Credits.**

Natural processes and human impacts on estuarine systems using the Neuse River estuary as a case study. Course includes one week of intensive field work based at the Institute of Marine Sciences. A student may not receive credit for this course after receiving credit for ENEC 222.

**Gen Ed:** PX, EE- Field Work.

**Grading status:** Letter grade

**Same as:** ENEC 220.

**MASC 223. Geology of Beaches and Coasts. 3 Credits.**

Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. Introduction to coastal processes, including waves, tidal currents, tectonics, climate, and human activity, and their influence on barrier islands, beaches, dunes, marshes, and estuaries. Involves a field trip to the Outer Banks of North Carolina.

**Grading status:** Letter grade

**Same as:** GEOL 223.

**MASC 310. Our Changing Planet: Science, Social Impacts, Solutions. 3 Credits.**

An overview of the scientific basis for global warming, current and future impacts on society, options for mitigation and adaptation, and the role of politics and the media.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 312. From the Equator to the Poles: Case Studies in Global Environmental Change. 3 Credits.**

Case studies in environmental change, highlighting human and environmental dynamics in terrestrial and marine ecosystems on multiple spatial and temporal scales. Includes active-learning modules, group presentations, writing assignments.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**MASC 314. Earth Systems in a Changing World. 3 Credits.**

This course presents an integrated view of our planet, how it evolved during the past, why it has changed (and continues to change), and what makes Earth a habitable planet.

**Grading status:** Letter grade.

**MASC 316. Coastal Environmental Change. 3 Credits.**

An exploration of the large-scale evolution of coastal environments, including relevance of geologic setting, wave and sediment transport processes, the evolution of beach and barrier island morphology, and issues of coastal environmental management.

**Requisites:** Prerequisite, GEOL 101 or MASC 101 or MASC 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** GEOL 310, ENEC 310.

**MASC 352. Marine Fisheries Ecology. 3 Credits.**

Gives students a foundation in population biology and the ecological processes that influence populations of economically important fish and shellfish. Students will gain practical quantitative skills including statistical analyses, model development, and data visualization. Familiarity with introductory statistics concepts is preferred but not necessary.

**Requisites:** Prerequisite, MASC 101, 401, or ENEC 202.

**Grading status:** Letter grade

**Same as:** ENEC 352.

**MASC 390. Special Topics in Marine Sciences (for Undergraduates). 1-4 Credits.**

Special topics in marine sciences for undergraduate students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 3 total completions.

**Grading status:** Letter grade.

**MASC 395. Undergraduate Research in Marine Sciences. 1-3 Credits.**

Permission of a faculty research director. Directed readings with laboratory study on a selected topic.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 8 total credits. 4 total completions.

**Grading status:** Letter grade.

**MASC 396. Independent Study in Marine Sciences. 3 Credits.**

Permission of the instructor. Directed readings on a selected topic.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****MASC 401. Oceanography. 3 Credits.**

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. Students may not receive credit for both MASC 101 and MASC 401.

**Grading status:** Letter grade

**Same as:** BIOL 350, ENVR 417, GEOL 403.

**MASC 410. Earth Processes in Environmental Systems. 4 Credits.**

Principles of geological and related Earth systems sciences are applied to analyses of environmental phenomena. The link between the lithosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, CHEM 102, GEOL 200, MATH 231, and PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENEC 410, GEOL 410.

**MASC 411. Oceanic Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the ocean, coast, and estuarine environments and the processes that control these environments are applied to the analysis of environmental phenomena. Case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, BIOL 101, CHEM 102, ENEC 222, MATH 231, PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** ENEC 411, GEOL 411.

**MASC 415. Environmental Systems Modeling. 3 Credits.**

This course explores principles and strategies for studying environmental phenomena, and presents methods for developing explanatory and predictive models of environmental systems, e.g., predator-prey, estuaries, greenhouse gases, and ecosystem material cycles.

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, PHYS 115 or 118, and COMP 116.

**Grading status:** Letter grade

**Same as:** ENEC 415, GEOL 415.

**MASC 432. Major World Rivers and Global Change: From Mountains to the Sea. 3 Credits.**

What are the linkages between rivers and global change? This course examines the hydrological, geological and biogeochemical processes that control material flux from land to the oceans via rivers.

**Grading status:** Letter grade.

**MASC 433. Wetland Hydrology. 3 Credits.**

Study of wetland ecosystems with particular emphasis on hydrological functioning, the transition from terrestrial to aquatic systems, wetlands as filtration systems, and exchange between wetlands and other environments.

**Grading status:** Letter grade

**Same as:** ENEC 433.

**MASC 434. Blue Carbon and Coastal Environments. 3 Credits.**

Permission of the instructor is required. Readings and discussions about processes in traditional "Blue Carbon" environments (marshes, sea grass beds, and mangroves) and an exploration of carbon burial in other coastal ecosystems such as floodplains and oyster reefs.

**Grading status:** Letter grade.

**MASC 440. Marine Ecology. 3 Credits.**

Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.

**Requisites:** Prerequisite, BIOL 201 or 475.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** BIOL 462.



**MASC 441. Marine Physiological Ecology. 3 Credits.**

This course introduces students to the physiological, morphological, and behavioral factors employed by marine organisms to cope with their physical environment. Emphasis will be placed on the response of marine organisms to environmental factors such as seawater temperature, light, water salinity, ocean acidification, etc.

**Grading status:** Letter grade

**Same as:** ENEC 441.

**MASC 442. Marine Biology. 3 Credits.**

Recommended preparation, BIOL 201 or 475. A survey of plants and animals that live in the sea: characteristics of marine habitats, organisms, and the ecosystems will be emphasized. Marine environment, the organisms involved, and the ecological systems that sustain them.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** BIOL 457.

**MASC 443. Marine Microbiology. 3 Credits.**

Restricted to junior or senior science majors or graduate students, with permission of the instructor. Seminar class focuses on the primary research literature. Physiology of marine microorganisms, microbial diversity and ecology of the marine environment, biogeochemical processes catalyzed by marine microorganisms.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 444. Marine Phytoplankton. 3 Credits.**

Permission of the instructor. For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week.

**Grading status:** Letter grade

**Same as:** ENEC 444, BIOL 456.

**MASC 445. Marine Invertebrate Biology. 4 Credits.**

See BIOL 475 for description.

**Grading status:** Letter grade.

**MASC 446. Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health. 3 Credits.**

Course material covers host-microbe and microbe-microbe interactions found in marine ecosystems, including beneficial and parasitic relationships among viruses, microbes, marine animals, and humans.

Limited to upper-level undergraduate science majors and graduate students.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** BIOL 452.

**MASC 447. Microbial Ecological Genomics. 3 Credits.**

Permission of the instructor. For junior and senior science majors and graduate students. Active learning class focused on sequencing and bioinformatic analysis of microbial genomes to identify their ecological function. Topics include sequencing technologies, genome assembly and analysis, command line, bioinformatic tools, and genes mediating microbial physiology and metabolism in natural ecosystems.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**MASC 448. Coastal and Estuarine Ecology. 4 Credits.**

A field-intensive study of the ecology of marine organisms and their interactions with their environment, including commercially important organisms. Laboratory/recitation/field work is included and contributes two credit hours to the course.

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading status:** Letter grade

**Same as:** ENEC 448.

**MASC 450. Biogeochemical Processes. 4 Credits.**

Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisites, MATH 231, and PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** ENEC 450, GEOL 450.

**MASC 455. Geochemistry. 3 Credits.**

Required preparation, one introductory geology course. Introduction to the application of chemical principles to geological problems. Topics include thermodynamics, kinetics, and isotope geochemistry. Previously offered as GEOL 512/MASC 553.

**Requisites:** Prerequisites, CHEM 102 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** GEOL 405.

**MASC 460. Fluid Dynamics of the Environment. 3 Credits.**

Principles and applications of fluid dynamics to flows of air and water in the natural environment. Conservation of momentum, mass, and energy applied to lakes, rivers, estuaries, and the coastal ocean. Dimensional analysis and scaling emphasized to promote problem-solving skills.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MASC 470. Estuarine and Coastal Marine Science. 4 Credits.**

For graduate students; undergraduate students should take ENEC 222 or have permission of the instructor. Introduction to estuarine environments: geomorphology, physical circulation, nutrient loading, primary and secondary production, carbon and nitrogen cycling, benthic processes and sedimentation. Considers human impacts on coastal systems, emphasizing North Carolina estuaries.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**MASC 471. Human Impacts on Estuarine Ecosystems. 4 Credits.**

A cohesive examination of the human impacts on biological processes in estuarine ecosystems. Laboratory/recitation/field work is included and contributes two credit hours to the course.

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading status:** Letter grade

**Same as:** ENEC 471.

**MASC 472. Barrier Island Ecology and Geology. 6 Credits.**

Recommended preparation, one introductory geology course. An integration of barrier island plant and animal ecology within the context of physical processes and geomorphological change. Emphasis on management and impact of human interference with natural processes.

**Gen Ed:** PL, EE- Field Work.

**Grading status:** Letter grade.

**MASC 480. Modeling of Marine and Earth Systems. 1-3 Credits.**

Mathematical modeling of dynamic systems, linear and nonlinear. The fundamental budget equation. Case studies in modeling transport, biogeochemical processes, population dynamics. Analytical and numerical techniques; chaos theory; fractal geometry.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** GEOL 480, ENVR 480.

**MASC 483. Geologic and Oceanographic Applications of Geographical Information Systems. 4 Credits.**

Required preparation, four GEOL courses or permission of the instructor. Focus is on applying GIS concepts and techniques to mining and petroleum geology, resource assessment, hydrogeology, coastal and marine geology, physical oceanography, engineering geology, and a geologic perspective on land use. Three lecture and two laboratory hours a week.

**Grading status:** Letter grade

**Same as:** GEOL 483.

**MASC 490. Special Topics in Marine Sciences for Undergraduates and Graduates. 1-3 Credits.**

Directed readings, laboratory, and/or field study of marine science topics not covered in scheduled courses.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**MASC 503. Marine Geology. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Investigates formation of the oceans, plate tectonics, carbonate reefs and platforms, sediment transport from the land to deep-sea fans, glacial-marine geology, marine records of changes in sea level and climate, and the evolution of barrier islands, estuaries, and deltas. Mandatory weekend field trip to the Southern Outer Banks.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 503.

**MASC 504. Biological Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** BIOL 657, ENVR 520.

**MASC 505. Chemical Oceanography. 4 Credits.**

Graduate students only; undergraduates must have permission of the instructor. Overview of chemical processes in the ocean. Topics include physical chemistry of seawater, major element cycles, hydrothermal vents, geochemical tracers, air-sea gas exchange, particle transport, sedimentary processes, and marine organic geochemistry. Three lecture and two recitation hours per week.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** ENVR 505, GEOL 505.

**MASC 506. Physical Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Descriptive oceanography, large-scale wind-driven and thermohaline circulations, ocean dynamics, regional and nearshore/estuarine physical processes, waves, tides. Three lecture and one recitation hour per week.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 506.

**MASC 550. Biogeochemical Cycling. 3 Credits.**

Biogeochemical cycling explores interfaces of marine, aquatic, atmospheric, and geological sciences emphasizing processes controlling chemical distributions in sediments, fresh and salt water, the atmosphere, and fluxes among these reservoirs.

**Requisites:** Prerequisites, ENVR 421; GEOL 405, 436, 655; MASC 440, 505; or permission of the instructor.

**Gen Ed:** PL, CI.

**Grading status:** Letter grade

**Same as:** GEOL 550.

**MASC 552. Organic Geochemistry. 3 Credits.**

Recommended preparation, CHEM 261 or MASC 505, and one additional ENVR, GEOL, or MASC course above 400. Sources, transformations, and fate of natural organic matter in marine environments. Emphasis on interplay of chemical, biological, and physical processes that affect organic matter composition, distribution, and turnover.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 552, ENVR 552.

**MASC 560. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow.

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** ENVR 452, GEOL 560, PHYS 660.

**MASC 561. Time Series and Spatial Data Analysis. 3 Credits.**

Three components: statistics and probability, time series analysis, and spatial data analysis. Harmonic analysis, nonparametric spectral estimation, filtering, objective analysis, empirical orthogonal functions.

**Requisites:** Prerequisite, MATH 233; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**MASC 562. Turbulent Boundary Layers. 3 Credits.**

Turbulence and transport in near-bottom boundary regions. Turbulence and mixing theory in boundary layers. Field deployment and recovery of turbulence measuring instruments. Data analysis from turbulence measurements.

**Requisites:** Prerequisite, MASC 506 or 560; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**MASC 563. Descriptive Physical Oceanography. 3 Credits.**

Observed structure of the large-scale and mesoscale ocean circulation and its variability, based on modern observations. In-situ and remote sensing techniques, hydrographic structure, circulation patterns, ocean-atmosphere interactions.

**Requisites:** Prerequisite, MASC 506; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** GEOL 563.

## Marine Sciences Minor

### Contact Information

#### Department of Marine Sciences

Visit Program Website (<http://www.marine.unc.edu>)

3202 Venable and Murray Halls, CB# 3300

(919) 962-1252

**Harvey Seim, Chair**

**Marc Alperin, Director of Undergraduate Studies**

[alperin@email.unc.edu](mailto:alperin@email.unc.edu)

**Violet Anderson, Student Services Manager**

[vmanders@email.unc.edu](mailto:vmanders@email.unc.edu)

The minor in marine sciences is designed to allow students access to departmental courses, facilities, and advisors in order to develop marine specializations related to their majors and to prepare for postgraduate study in marine sciences or a related field.

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One course emphasizing global oceanic processes:		3
MASC 101	The Marine Environment <sup>1</sup>	
	or MASC 401 Oceanography	
One course emphasizing the coastal ocean		3
ENEC 222	Estuarine and Coastal Marine Science	
MASC 55	First-Year Seminar: Change in the Coastal Ocean	

MASC 58	First-Year Seminar: Connections to the Sea: The Challenges Faced by Using and Living near Coastal In	
MASC/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	
MASC/GEOL 223	Geology of Beaches and Coasts	
MASC/ENEC/GEOL 411	Oceanic Processes in Environmental Systems	
MASC 432	Major World Rivers and Global Change: From Mountains to the Sea	
MASC/ENEC 433	Wetland Hydrology	
MASC 440/BIOL 462	Marine Ecology	
MASC 442/BIOL 457	Marine Biology	
MASC/ENEC 448	Coastal and Estuarine Ecology	
MASC/ENEC 471	Human Impacts on Estuarine Ecosystems	
MASC 472	Barrier Island Ecology and Geology	
or an equivalent course with a focus on the coastal ocean and approved by the director of undergraduate studies		
One course featuring practical experience in marine sciences.		3
Choose one from the following four groups:		
Group 1:		
ENEC 222	Estuarine and Coastal Marine Science	
MASC 52	First-Year Seminar: Living with Our Oceans and Atmosphere	
MASC/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	
MASC/GEOL 223	Geology of Beaches and Coasts	
MASC 432	Major World Rivers and Global Change: From Mountains to the Sea	
MASC/ENEC 448	Coastal and Estuarine Ecology	
MASC/ENEC 471	Human Impacts on Estuarine Ecosystems	
MASC 472	Barrier Island Ecology and Geology	
MASC/GEOL 503	Marine Geology	
MASC 504/BIOL 657/ENVR 520	Biological Oceanography	
or an equivalent field course approved by the director of undergraduate studies		
Group 2:		
MASC/ENEC/GEOL 415	Environmental Systems Modeling	
MASC/GEOL/ENVR 480	Modeling of Marine and Earth Systems	
MASC/GEOL 483	Geologic and Oceanographic Applications of Geographical Information Systems	
MASC 561	Time Series and Spatial Data Analysis	

or an equivalent mathematical modeling or data analysis course approved by the director of undergraduate studies

Group 3:

MASC/ENEC Marine Phytoplankton  
444/BIOL 456

MASC 445 Marine Invertebrate Biology

or an equivalent laboratory course approved by the director of undergraduate studies

Group 4:

MASC 395 Undergraduate Research in Marine Sciences  
or MASC 396 Independent Study in Marine Sciences

A marine sciences course of the student's choosing	3
Total Hours	12

<sup>1</sup> Students may not receive credit for both MASC 101 and MASC 401

Marine sciences (MASC) course descriptions (p. 648).

## Special Opportunities in Marine Sciences

### Undergraduate Research

The department offers opportunities to undergraduates to conduct directed research in our laboratories. Students work directly with faculty members and may enroll for credit as part of an honors or research project. The liaison for undergraduate research provides information about research opportunities in marine sciences, and assists undergraduates in finding a faculty advisor/research group that matches their interests.

### Experiential Education

There are three opportunities for experiential education in the Department of Marine Sciences:

- MASC 220 is taught during Maymester at the main campus with one week at the UNC–Chapel Hill Institute of Marine Sciences in Morehead City, NC.
- MASC 395 can be taken with the permission of a faculty advisor.
- MASC 472 is taught at the UNC–Chapel Hill Institute of Marine Sciences in Morehead City, NC, during the summer session and provides an experience in the field.

# DEPARTMENT OF MATHEMATICS

## Contact Information

### Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)  
Phillips Hall, CB# 3250  
(919) 962-1294

### Richard McLaughlin, Chair

### Jeremy Marzuola, Director of Undergraduate Studies

[marzuola@email.unc.edu](mailto:marzuola@email.unc.edu)

### Linda Green, Assistant Director of Undergraduate Studies

[greenl@email.unc.edu](mailto:greenl@email.unc.edu)

### Elizabeth Davidson, Manager of Student Services

[elizabeth\\_davidson@unc.edu](mailto:elizabeth_davidson@unc.edu)

## Introduction

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance. UNC–Chapel Hill offers several degrees in mathematics and the mathematical sciences, providing students a choice of careers in this field. Among the jobs in industry, government, and the academic world that involve mathematics are actuary, analyst, modeler, optimizer, statistician, and computer analyst.

Students intending to teach mathematics in elementary and middle school and students enrolled in the School of Education who intend to major in mathematics should consult the School of Education (p. 958) section of the *Catalog* or the director of mathematical education in the Department of Mathematics. A section in the mathematics program (p. 662) of the *Catalog* suggests course selections for future high school teachers.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students should regularly meet with their advisors and review their Tar Heel Trackers to be sure that they are satisfying distribution and degree requirements. In addition, junior and senior majors are assigned each semester a mathematics faculty member as an advisor with whom they must meet to discuss course selections and any other questions before a hold on registration is lifted. The department's director of undergraduate studies, assistant director of undergraduate studies, and manager of student services (see contact information above) are also available by appointment. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://www.math.unc.edu>).

## Placement into Mathematics Courses

Standardized test scores such as the Advanced Placement (AP), Scholastic Achievement Test Subject Levels I or II (SAT), or the American College Test (ACT) can be used for placement into mathematics courses. Please visit the placement page (<http://math.unc.edu/for-undergrads/>

placement-info) of the department's Web site for specific information regarding placement.

## Graduate School and Career Opportunities

The B.S. degree program, especially if it includes the sequences MATH 521–MATH 522 and MATH 577–MATH 578, is excellent preparation for graduate study in the mathematical sciences. The B.A. degree can be excellent preparation for graduate study in many fields, including admission into professional schools of law, business, and medicine. Both degrees are viewed by many employers as attractive, especially when accompanied by electives in areas such as statistics, computer science, economics, and operations research. Undergraduate mathematics majors with critical thinking skills and good analytical abilities are in demand in many business, industry, and government fields.

### Majors

- Mathematics Major, B.A. (p. 662)
- Mathematics Major, B.S. (p. 665)

### Minor

- Mathematics Minor (p. 667)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)

## Professors

Idris Assani, Prakash Belkale, Roberto Camassa, Ivan V. Cherednik, M. Gregory Forest, Jingfang Huang, Christopher Jones, Shrawan Kumar, Richard McLaughlin, Sorin Mitran, Peter J. Mucha, Richárd Rimányi, Lev Rozansky, Michael E. Taylor, Alexander N. Varchenko, Mark Williams.

## Associate Professors

David Adalsteinsson, Hans Christianson, Jeremy Marzuola, Jason Metcalfe, Laura Miller, Justin Sawon.

## Assistant Professors

Yaiza Canzani, Boyce Griffith, Jiuzu Hong, Katherine Newhall, David Rose, Andrey Smirnov.

## Lecturers

Linda Green, Mark McCombs, Elizabeth McLaughlin, Miranda Thomas.

## Professors Emeriti

Joseph A. Cima, James N. Damon, Patrick B. Eberlein, Ladnor D. Geissinger, Sue E. Goodman, Jane M. Hawkins, Robert G. Heyneman, Norberto Kerzman, Ancel Mewborn, Karl E. Peterson, Joseph F. Plante, Robert Proctor, Michael Schlessinger, William W. Smith, Johann Sonner, James D. Stasheff, Jonathan M. Wahl, Warren R. Wogen.



## MATH—Mathematics

### Undergraduate-level Courses

#### **MATH 50. First-Year Seminar: The Predictability of Chance and Its Applications in Applied Mathematics. 3 Credits.**

This seminar will examine the ways in which some types of behavior of random systems cannot only be predicted, but also applied to practical problems.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 51. First-Year Seminar: 'Fish Gotta Swim, Birds Gotta Fly': The Mathematics and the Mechanics of Moving. 3 Credits.**

This seminar allows students to have hands-on exposure to a class of physical and computer experiments designed to challenge intuition on how motion is achieved in nature.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 51H. First-Year Seminar: 'Fish Gotta Swim, Birds Gotta Fly': The Mathematics and the Mechanics of Moving. 3 Credits.**

This seminar allows students to have hands-on exposure to a class of physical and computer experiments designed to challenge intuition on how motion is achieved in nature.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 52. First-Year Seminar: Fractals: The Geometry of Nature. 3 Credits.**

Many natural objects have complex, infinitely detailed shapes in which smaller versions of the whole shape are seen appearing throughout. Such a shape is a fractal, the topic of study.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 52H. First-Year Seminar: Fractals: The Geometry of Nature. 3 Credits.**

Many natural objects have complex, infinitely detailed shapes in which smaller versions of the whole shape are seen appearing throughout. Such a shape is a fractal, the topic of study.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 53. First-Year Seminar: Symmetry and Tilings. 3 Credits.**

Through projects using software programs, Web sites, and readings, students will discover the geometric structure of tilings, learn to design their own patterns, and explore the many interdisciplinary connections.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 54. First-Year Seminar: The Science of Conjecture: Its Math, Philosophy, and History. 3 Credits.**

Seminar will cover the history and philosophy of probability, evidence, and conjecture, consider the development of the field of probability, and look at current and future uses of probability.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 54H. First-Year Seminar: The Science of Conjecture: Its Math, Philosophy, and History. 3 Credits.**

Seminar will cover the history and philosophy of probability, evidence, and conjecture, consider the development of the field of probability, and look at current and future uses of probability.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 55. First-Year Seminar: Geometry and Symmetry in Nature. 3 Credits.**

The nature of space imposes striking constraints on organic and inorganic objects. This seminar examines such constraints on both biological organisms and regular solids in geometry.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 56. First-Year Seminar: Information and Coding. 3 Credits.**

With the growth of available information on almost anything, can it be reliably compressed, protected, and transmitted over a noisy channel? Students will take a mathematical view of cryptography throughout history and information handling in modern life.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 56H. First-Year Seminar: Information and Coding. 3 Credits.**

With the growth of available information on almost anything, can it be reliably compressed, protected, and transmitted over a noisy channel? Students will take a mathematical view of cryptography throughout history and information handling in modern life.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 57. First-Year Seminar: The Fourth Dimension. 3 Credits.**

The idea of a fourth dimension has a rich and varied history. This seminar explores the concept of fourth (and higher) dimensions both mathematically and more widely in human thought.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 58. First-Year Seminar: Math, Art, and the Human Experience. 3 Credits.**

Students will explore the relevance of mathematical ideas to fields typically perceived as "nonmathematical" (e.g., art, music, film, literature) and how these "nonmathematical" fields influence mathematical thought.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 58H. First-Year Seminar: Math, Art, and the Human Experience. 3 Credits.**

Students will explore the relevance of mathematical ideas to fields typically perceived as "nonmathematical" (e.g., art, music, film, literature) and how these "nonmathematical" fields influence mathematical thought.

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 59. First-Year Seminar: The Mystery and Majesty of Ordinary Numbers. 3 Credits.**

Problems arising from the arithmetic of ordinary counting numbers have for centuries fascinated both mathematicians and nonmathematicians. This seminar will consider some of these problems (both solved and unsolved).

**Gen Ed:** QI.

**Grading status:** Letter grade.

#### **MATH 60. First-Year Seminar: Simulated Life. 3 Credits.**

This seminar introduces students to the thought process that goes into developing computational models of biological systems. It will also expose students to techniques for simulating and analyzing these models.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 60H. First-Year Seminar: Simulated Life. 3 Credits.**

This seminar introduces students to the thought process that goes into developing computational models of biological systems. It will also expose students to techniques for simulating and analyzing these models.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 61. First-Year Seminar: The Language of Mathematics: Making the Invisible Visible. 3 Credits.**

This course will consider mathematics to be the science of patterns and will discuss some of the different kinds of patterns that give rise to different branches of mathematics.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 62. First-Year Seminar: Combinatorics. 3 Credits.**

Students will discuss combinatorics' deep roots in history, its connections with the theory of numbers, and its fundamental role for natural science, as well as various applications, including cryptography and the stock market.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 62H. First-Year Seminar: Combinatorics. 3 Credits.**

Students will discuss combinatorics' deep roots in history, its connections with the theory of numbers, and its fundamental role for natural science, as well as various applications, including cryptography and the stock market.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 63. First-Year Seminar: From "The Sound of Music" to "The Perfect Storm. 3 Credits.**

Students will develop the conceptual framework necessary to understand waves of any kind, starting from laboratory observations.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** MASC 57.

**MATH 63H. First-Year Seminar: From "The Sound of Music" to "The Perfect Storm. 3 Credits.**

Students will develop the conceptual framework necessary to understand waves of any kind, starting from laboratory observations.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** MASC 57H.

**MATH 64. First-Year Seminar: A View of the Sea: The Circulation of the Ocean and Its Impact on Coastal Water. 3 Credits.**

Why is the Gulf Stream so strong, why does it flow clockwise, and why does it separate from the United States coast at Cape Hatteras? Students will study the circulation of the ocean and its influence on coastal environments by reading the book *A View of the Sea* by the eminent oceanographer Hank Stommel and by examining satellite and on-site observations.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 65. First-Year Seminar: Colliding Balls and Springs: The Microstructure of How Materials Behave. 3 Credits.**

Students will follow the intellectual journey of the atomic hypothesis from Leucippus and Democritus to the modern era, combining the history, the applications to science, and the mathematics developed to study particles and their interactions.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 66. First-Year Seminar: Non-Euclidean Geometry in Nature and History. 3 Credits.**

The seminar will investigate non-Euclidean geometry (hyperbolic and spherical) from historical, mathematical, and practical perspectives. The approach will be largely algebraic, in contrast to the traditional axiomatic method.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 67. The Mathematics of Climate Change: Can We Predict the Future of Our Planet?. 3 Credits.**

Is the Earth warming? Predictions are based largely on mathematical models. We shall consider the limitations of models in relation to making predictions. Examples of chaotic behavior will be presented.

**Gen Ed:** CI, QI.

**Grading status:** Letter grade.

**MATH 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MATH 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MATH 110. Algebra. 3 Credits.**

Provides a one-semester review of the basics of algebra. Basic algebraic expressions, functions, exponents, and logarithms are included, with an emphasis on problem solving. This course should not be taken by those with a suitable score on the achievement test.

**Grading status:** Letter grade.

**MATH 116. Intuitive Calculus. 3 Credits.**

Provides an introduction in as nontechnical a setting as possible to the basic concepts of calculus. The course is intended for the nonscience major. A student may not receive credit for this course after receiving credit for MATH 152 or 231.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 117. Aspects of Finite Mathematics. 3 Credits.**

Introduction to basic concepts of finite mathematics, including topics such as counting methods, finite probability problems, and networks. The course is intended for the nonscience major.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 118. Aspects of Modern Mathematics. 3 Credits.**

Introduction to mathematical topics of current interest in society and science, such as the mathematics of choice, growth, finance, and shape. The course is intended for the nonscience major.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 119. Introduction to Mathematical Modeling. 3 Credits.**

Provides an introduction to the use of mathematics for modeling real-world phenomena in a nontechnical setting. Models use algebraic, graphical, and numerical properties of elementary functions to interpret data. This course is intended for the nonscience major.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 129P. Precalculus Mathematics. 0 Credits.**

Awarded as placement credit based on test scores. Does not fulfill a graduation requirement.

**Grading status:** Letter grade.

**MATH 130. Precalculus Mathematics. 3 Credits.**

Covers the basic mathematical skills needed for learning calculus. Topics are calculating and working with functions and data, introduction to trigonometry, parametric equations, and the conic sections. A student may not receive credit for this course after receiving credit for MATH 231.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 152. Calculus for Business and Social Sciences. 3 Credits.**

An introductory survey of differential and integral calculus with emphasis on techniques and applications of interest for business and the social sciences. This is a terminal course and not adequate preparation for MATH 232. A student cannot receive credit for this course after receiving credit for MATH 231 or 241.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 190. Special Topics in Mathematics. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in mathematics. This course does not count as credit towards the mathematics major.

**Grading status:** Letter grade.

**MATH 231. Calculus of Functions of One Variable I. 4 Credits.**

Limits, derivatives, and integrals of functions of one variable. Students may not receive credit for both MATH 231 and MATH 241.

**Requisites:** Prerequisites, MATH 110 and 130; Requires a grade of C- or better in MATH 130 or placement by the department.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 231H. Calculus of Functions of One Variable I. 4 Credits.**

Limits, derivatives, and integrals of functions of one variable. Students may not receive credit for both MATH 231 and MATH 241.

**Requisites:** Prerequisites, MATH 110 and 130; Requires a grade of C- or better in MATH 130 or placement by the department.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 232. Calculus of Functions of One Variable II. 4 Credits.**

Calculus of the elementary transcendental functions, techniques of integration, indeterminate forms, Taylor's formula, infinite series.

**Requisites:** Prerequisite, MATH 231 or 241; requires a grade of C- or better in MATH 231 or 241 or placement by the department.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 232H. Calculus of Functions of One Variable II. 4 Credits.**

Calculus of the elementary transcendental functions, techniques of integration, indeterminate forms, Taylor's formula, infinite series.

**Requisites:** Prerequisite, MATH 231 or 241; requires a grade of C- or better in MATH 231 or 241 or placement by the department.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 233. Calculus of Functions of Several Variables. 4 Credits.**

Vector algebra, solid analytic geometry, partial derivatives, multiple integrals.

**Requisites:** Prerequisite, MATH 232 or 283.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 233H. Calculus of Functions of Several Variables. 4 Credits.**

Vector algebra, solid analytic geometry, partial derivatives, multiple integrals.

**Requisites:** Prerequisite, MATH 232 or 283.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 241. BioCalculus I. 3 Credits.**

Limits, derivatives, and integrals of functions of one variable, motivated by and applied to discrete-time dynamical systems used to model various biological processes. Students may not receive credit for both MATH 231 and MATH 241.

**Requisites:** Prerequisite, MATH 130; Requires a grade of C- or better in MATH 130 or placement by the department.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**MATH 283. BioCalculus II. 3 Credits.**

Techniques of integration, indeterminate forms, Taylor's series; introduction to linear algebra, motivated by and applied to ordinary differential equations; systems of ordinary differential equations used to model various biological processes. A student cannot receive credit for this course after receiving credit for MATH 383.

**Requisites:** Prerequisite, MATH 231 or 241; requires a grade of C- or better in either MATH 231 or 241, or placement by the department.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 290. Special Topics in Mathematics. 1-3 Credits.**

Permission of the instructor. Elective topics in mathematics. This course has variable content and may be taken multiple times for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**MATH 294. Undergraduate Seminar in Mathematics. 1-3 Credits.**

Permission of the instructor. A seminar on a chosen topic in mathematics in which the students participate more actively than in usual courses.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MATH 296. Directed Exploration in Mathematics. 1-3 Credits.**

By permission of the director of undergraduate studies. Experimentation or deeper investigation under the supervision of a faculty member of topics in mathematics that may be, but need not be, connected with an existing course. No one may receive more than seven semester hours of credit for this course. Formerly offered as MATH 290.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 7 total credits. 7 total completions.

**Grading status:** Letter grade.

**MATH 307. Revisiting Real Numbers and Algebra. 3 Credits.**

Central to teaching precollege mathematics is the need for an in-depth understanding of real numbers and algebra. This course explores this content, emphasizing problem solving and mathematical reasoning.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 381. Discrete Mathematics. 3 Credits.**

This course serves as a transition from computational to more theoretical mathematics. Topics are from the foundations of mathematics: logic, set theory, relations and functions, induction, permutations and combinations, recurrence.

**Requisites:** Prerequisite, MATH 232 or 283.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 381H. Discrete Mathematics. 3 Credits.**

This course serves as a transition from computational to more theoretical mathematics. Topics are from the foundations of mathematics: logic, set theory, relations and functions, induction, permutations and combinations, recurrence.

**Requisites:** Prerequisite, MATH 232 or 283.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 383. First Course in Differential Equations. 3 Credits.**

Introductory ordinary differential equations, first- and second-order differential equations with applications, higher-order linear equations, systems of first-order linear equations (introducing linear algebra as needed).

**Requisites:** Prerequisite, MATH 233.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 383H. First Course in Differential Equations. 3 Credits.**

Introductory ordinary differential equations, first- and second-order differential equations with applications, higher-order linear equations, systems of first-order linear equations (introducing linear algebra as needed).

**Requisites:** Prerequisite, MATH 233.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 383L. First Course in Differential Equations Laboratory. 1 Credit.**

Course is computational laboratory component designed to help students visualize ODE solutions in Matlab. Emphasis is on differential equations motivated by applied sciences. Some applied linear algebra will appear as needed for computation and modeling purposes.

**Requisites:** Prerequisite, MATH 233; pre- or corequisite, MATH 383.

**Grading status:** Letter grade.

**MATH 396. Undergraduate Reading and Research in Mathematics. 1-3 Credits.**

Permission of the director of undergraduate studies. This course is intended mainly for students working on honors projects. No one may receive more than three semester hours credit for this course.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****MATH 406. Mathematical Methods in Biostatistics. 1 Credit.**

Special mathematical techniques in the theory and methods of biostatistics as related to the life sciences and public health. Includes brief review of calculus, selected topics from intermediate calculus, and introductory matrix theory for applications in biostatistics.

**Requisites:** Prerequisite, MATH 232.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 410. Teaching and Learning Mathematics. 4 Credits.**

Study of how people learn and understand mathematics, based on research in mathematics, mathematics education, psychology, and cognitive science. This course is designed to prepare undergraduate mathematics majors to become excellent high school mathematics teachers. It involves field work in both the high school and college environments.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**MATH 411. Developing Mathematical Concepts. 3 Credits.**

Permission of the instructor. An investigation of various ways elementary concepts in mathematics can be developed. Applications of the mathematics developed will be considered.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 418. Basic Concepts of Analysis for High School Teachers. 3 Credits.**

An examination of high school mathematics from an advanced perspective, including number systems and the behavior of functions and equations. Designed primarily for prospective or practicing high school teachers.

**Requisites:** Prerequisites, MATH 233 and 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 515. History of Mathematics. 3 Credits.**

A general survey of the history of mathematics with emphasis on elementary mathematics. Some special problems will be treated in depth.

**Requisites:** Prerequisite, MATH 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 521. Advanced Calculus I. 3 Credits.**

A grade of A- or better in STOR 215 may substitute for MATH 381. The real numbers, continuity and differentiability of functions of one variable, infinite series, integration.

**Requisites:** Prerequisites, MATH 233 and 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 521H. Advanced Calculus I. 3 Credits.**

A grade of A- or better in STOR 215 may substitute for MATH 381. The real numbers, continuity and differentiability of functions of one variable, infinite series, integration.

**Requisites:** Prerequisites, MATH 233 and 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 522. Advanced Calculus II. 3 Credits.**

Functions of several variables, the derivative as a linear transformation, inverse and implicit function theorems, multiple integration.

**Requisites:** Prerequisites, MATH 383 and 521.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 522H. Advanced Calculus II. 3 Credits.**

Functions of several variables, the derivative as a linear transformation, inverse and implicit function theorems, multiple integration.

**Requisites:** Prerequisites, MATH 383 and 521.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 523. Functions of a Complex Variable with Applications. 3 Credits.**

The algebra of complex numbers, elementary functions and their mapping properties, complex limits, power series, analytic functions, contour integrals, Cauchy's theorem and formulae, Laurent series and residue calculus, elementary conformal mapping and boundary value problems, Poisson integral formula for the disk and the half plane.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 524. Elementary Differential Equations. 3 Credits.**

Linear differential equations, power series solutions, Laplace transforms, numerical methods.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 528. Mathematical Methods for the Physical Sciences I. 3 Credits.**

Theory and applications of Laplace transform, Fourier series and transform, Sturm-Liouville problems. Students will be expected to do some numerical calculations on either a programmable calculator or a computer. This course has an optional computer laboratory component: MATH 528L.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 528L. Laboratory for Mathematical Methods for the Physical Sciences I. 1 Credit.**

Training in the use of symbolic and numerical computing packages and their application to the MATH 528 lecture topics. Students will need a CCI-compatible computing device.

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, MATH 528.

**Grading status:** Letter grade.

**MATH 529. Mathematical Methods for the Physical Sciences II. 3 Credits.**

Introduction to boundary value problems for the diffusion, Laplace and wave partial differential equations. Bessel functions and Legendre functions. Introduction to complex variables including the calculus of residues. This course has an optional computer laboratory component: MATH 529L.

**Requisites:** Prerequisite, MATH 521, 524, or 528.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 529L. Laboratory for Mathematical Methods for the Physical Sciences II. 1 Credit.**

Training in the use of symbolic and numerical computing packages and their application to the MATH 529 lecture topics. Students will need a CCI-compatible computing device.

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, MATH 529.

**Grading status:** Letter grade.

**MATH 533. Elementary Theory of Numbers. 3 Credits.**

A grade of A- or better in STOR 215 may substitute for MATH 381. Divisibility, Euclidean algorithm, congruences, residue classes, Euler's function, primitive roots, Chinese remainder theorem, quadratic residues, number-theoretic functions, Farey and continued fractions, Gaussian integers.

**Requisites:** Prerequisite, MATH 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 534. Elements of Modern Algebra. 3 Credits.**

A grade of A- or better in STOR 215 may substitute for MATH 381. Binary operations, groups, subgroups, cosets, quotient groups, rings, polynomials.

**Requisites:** Prerequisite, MATH 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 535. Introduction to Probability. 3 Credits.**

Introduction to mathematical theory of probability covering random variables; moments; binomial, Poisson, normal and related distributions; generating functions; sums and sequences of random variables; and statistical applications.

**Requisites:** Prerequisite, MATH 233.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** STOR 435.

**MATH 547. Linear Algebra for Applications. 3 Credits.**

Algebra of matrices with applications: determinants, solution of linear systems by Gaussian elimination, Gram-Schmidt procedure, eigenvalues. MATH 416 may not be taken for credit after credit has been granted for MATH 547.

**Requisites:** Prerequisite, MATH 233 or 283.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 548. Combinatorial Mathematics. 3 Credits.**

Counting selections, binomial identities, inclusion-exclusion, recurrences, Catalan numbers. Selected topics from algorithmic and structural combinatorics, or from applications to physics and cryptography.

**Requisites:** Prerequisite, MATH 381 or STOR 215.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 550. Topology. 3 Credits.**

Introduction to topics in topology, particularly surface topology, including classification of compact surfaces, Euler characteristic, orientability, vector fields on surfaces, tessellations, and fundamental group.

**Requisites:** Prerequisites, MATH 233 and 381; co-requisite, MATH 383; A grade of A- or better in STOR 215 may substitute for MATH 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.



**MATH 551. Euclidean and Non-Euclidean Geometries. 3 Credits.**

A grade of A- or better in STOR 215 may substitute for MATH 381. Critical study of basic notions and models of Euclidean and non-Euclidean geometries: order, congruence, and distance.

**Requisites:** Prerequisite, MATH 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 553. Mathematical and Computational Models in Biology. 3 Credits.**

This course introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Requisites:** Prerequisites, BIOL 201 and 202, MATH 231, and either MATH 232 or STOR 155; Co-requisite, BIOL 553L/MATH 553L; permission of the instructor for students lacking the requisites.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** BIOL 553.

**MATH 553L. Mathematical and Computational Models in Biology Laboratory. 1 Credit.**

This lab introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Requisites:** Prerequisites, BIOL 201 and 202, MATH 231, and either MATH 232 or STOR 155; Co-requisite, BIOL 553/MATH 553; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** BIOL 553L.

**MATH 555. Introduction to Dynamics. 3 Credits.**

Topics will vary and may include iteration of maps, orbits, periodic points, attractors, symbolic dynamics, bifurcations, fractal sets, chaotic systems, systems arising from differential equations, iterated function systems, and applications.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 564. Mathematical Modeling in the Life Sciences. 3 Credits.**

Requires some knowledge of computer programming. Model validation and numerical simulations using ordinary, partial, stochastic, and delay differential equations. Applications to the life sciences may include muscle physiology, biological fluid dynamics, neurobiology, molecular regulatory networks, and cell biology.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** BIOL 534.

**MATH 565. Computer-Assisted Mathematical Problem Solving. 3 Credits.**

Personal computer as tool in solving a variety of mathematical problems, e.g., finding roots of equations and approximate solutions to differential equations. Introduction to appropriate programming language; emphasis on graphics.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 566. Introduction to Numerical Analysis. 3 Credits.**

Requires some knowledge of computer programming. Iterative methods, interpolation, polynomial and spline approximations, numerical differentiation and integration, numerical solution of ordinary and partial differential equations.

**Requisites:** Prerequisite, MATH 383.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 577. Linear Algebra. 3 Credits.**

Vector spaces, linear transformations, duality, diagonalization, primary and cyclic decomposition, Jordan canonical form, inner product spaces, orthogonal reduction of symmetric matrices, spectral theorem, bilinear forms, multilinear functions. A much more abstract course than MATH 416 or 547.

**Requisites:** Prerequisites, MATH 381 and 383; A grade of A- or better in STOR 215 may substitute for MATH 381.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 578. Algebraic Structures. 3 Credits.**

Permutation groups, matrix groups, groups of linear transformations, symmetry groups; finite abelian groups. Residue class rings, algebra of matrices, linear maps, and polynomials. Real and complex numbers, rational functions, quadratic fields, finite fields.

**Requisites:** Prerequisite, MATH 547 or 577.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MATH 590. Topics in Mathematics. 3 Credits.**

Permission of the instructor. Topics may focus on matrix theory, analysis, algebra, geometry, or applied and computational mathematics.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**MATH 594. Nonlinear Dynamics. 3 Credits.**

Interdisciplinary introduction to nonlinear dynamics and chaos. Fixed points, bifurcations, strange attractors, with applications to physics, biology, chemistry, finance.

**Requisites:** Prerequisite, MATH 383; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** PHYS 594.

**MATH 635. Probability. 3 Credits.**

Foundations of probability. Basic classical theorems. Modes of probabilistic convergence. Central limit problem. Generating functions, characteristic functions. Conditional probability and expectation.

**Requisites:** Prerequisite, STOR 634; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** STOR 635.

**MATH 641. Enumerative Combinatorics. 3 Credits.**

Basic counting; partitions; recursions and generating functions; signed enumeration; counting with respect to symmetry, plane partitions, and tableaux.

**Requisites:** Prerequisite, MATH 578.

**Grading status:** Letter grade.

**MATH 643. Combinatorial Structures. 3 Credits.**

Graph theory, matchings, Ramsey theory, extremal set theory, network flows, lattices, Moebius inversion, q-analogs, combinatorial and projective geometries, codes, and designs.

**Requisites:** Prerequisite, MATH 578.

**Grading status:** Letter grade.

**MATH 653. Introductory Analysis. 3 Credits.**

Requires knowledge of advanced calculus. Elementary metric space topology, continuous functions, differentiation of vector-valued functions, implicit and inverse function theorems. Topics from Weierstrass theorem, existence and uniqueness theorems for differential equations, series of functions.

**Grading status:** Letter grade.

**MATH 656. Complex Analysis. 3 Credits.**

A rigorous treatment of complex integration, including the Cauchy theory. Elementary special functions, power series, local behavior of analytic functions.

**Requisites:** Prerequisite, MATH 653.

**Grading status:** Letter grade.

**MATH 657. Qualitative Theory of Differential Equations. 3 Credits.**

Requires knowledge of linear algebra. Existence and uniqueness theorems, linear and nonlinear systems, differential equations in the plane and on surfaces, Poincaré-Bendixson theory, Lyapunov stability and structural stability, critical point analysis.

**Requisites:** Prerequisite, MATH 653.

**Grading status:** Letter grade.

**MATH 661. Scientific Computation I. 3 Credits.**

Requires some programming experience and basic numerical analysis. Error in computation, solutions of nonlinear equations, interpolation, approximation of functions, Fourier methods, numerical integration and differentiation, introduction to numerical solution of ODEs, Gaussian elimination.

**Grading status:** Letter grade

**Same as:** ENVR 661.

**MATH 662. Scientific Computation II. 3 Credits.**

Theory and practical issues arising in linear algebra problems derived from physical applications, e.g., discretization of ODEs and PDEs. Linear systems, linear least squares, eigenvalue problems, singular value decomposition.

**Requisites:** Prerequisite, MATH 661.

**Grading status:** Letter grade

**Same as:** COMP 662, ENVR 662.

**MATH 668. Methods of Applied Mathematics I. 3 Credits.**

Requires an undergraduate course in differential equations. Contour integration, asymptotic expansions, steepest descent/stationary phase methods, special functions arising in physical applications, elliptic and theta functions, elementary bifurcation theory.

**Grading status:** Letter grade

**Same as:** ENVR 668.

**MATH 669. Methods of Applied Mathematics II. 3 Credits.**

Perturbation methods for ODEs and PDEs, WKBJ method, averaging and modulation theory for linear and nonlinear wave equations, long-time asymptotics of Fourier integral representations of PDEs, Green's functions, dynamical systems tools.

**Requisites:** Prerequisite, MATH 668.

**Grading status:** Letter grade

**Same as:** ENVR 669.

**MATH 676. Modules, Linear Algebra, and Groups. 3 Credits.**

Requires knowledge of linear algebra and algebraic structures. Modules over rings, canonical forms for linear operators and bilinear forms, multilinear algebra, groups and group actions.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MATH 677. Groups, Representations, and Fields. 3 Credits.**

Internal structure of groups, Sylow theorems, generators and relations, group representations, fields, Galois theory, category theory.

**Requisites:** Prerequisite, MATH 676.

**Grading status:** Letter grade.

**MATH 680. Geometry of Curves and Surfaces. 3 Credits.**

Topics include (curves) Frenet formulas, isoperimetric inequality, theorems of Crofton, Fenchel, Fary-Milnor; (surfaces) fundamental forms, Gaussian and mean curvature, special surfaces, geodesics, Gauss-Bonnet theorem.

**Requisites:** Prerequisite, advanced calculus.

**Grading status:** Letter grade.

**MATH 681. Introductory Topology. 3 Credits.**

Topological spaces, connectedness, separation axioms, product spaces, extension theorems. Classification of surfaces, fundamental group, covering spaces.

**Requisites:** Prerequisites, MATH 653 and 680.

**Grading status:** Letter grade.

**MATH 690. Topics In Mathematics. 3 Credits.**

Permission of the department. Directed study of an advanced topic in mathematics. Topics will vary.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**MATH 691H. Honors Research in Mathematics. 3 Credits.**

Permission of the director of undergraduate studies. Readings in mathematics and the beginning of directed research on an honors thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**MATH 692H. Honors Thesis in Mathematics. 3 Credits.**

Permission of the director of undergraduate studies. Completion of an honors thesis under the direction of a member of the faculty. Required of all candidates for graduation with honors in mathematics.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Mathematics Major, B.A.

### Contact Information

#### Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)

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Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

Students majoring in mathematics may enter either the B.A. or the B.S. program. The B.A. program is more flexible than the B.S. program; it allows students to specialize in mathematics and at the same time either to follow a broad liberal arts program or to specialize in a second area (possibly even taking a second major).

## Department Programs

### Majors

- Mathematics Major, B.A. (p. 662)
- Mathematics Major, B.S. (p. 665)

### Minor

- Mathematics Minor (p. 667)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)

## Student Learning Outcomes

Upon completion of the mathematics program (B.A., B.S.), students should be able to:

- Demonstrate mastery of the core of mathematics recognized as essential by national professional mathematics organizations
- Demonstrate mathematical reasoning and problem-solving skills
- Demonstrate the ability to construct logical arguments and mathematical proofs
- Demonstrate the ability to apply mathematical knowledge and skills in context and interpret results

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3

MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 547	Linear Algebra for Applications (preferably before the senior year)	3
or MATH 577	Linear Algebra	
At least three more MATH courses numbered above 500, including sequence MATH 383L + MATH 528L + MATH 529L		9
Eighteen hours of C or better (not C-) in MATH 233, MATH 381, MATH 383, or MATH courses numbered above 500		
<b>Additional Requirements</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	3-4
or MATH 241	BioCalculus I	
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	3-4
or MATH 283	BioCalculus II	
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Total Hours		31-33

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> A current or former major in statistics and analytics (mathematical decision sciences) may substitute STOR 215 for MATH 381.

All Foundations, Approaches, Connections, and Supplemental General Education requirements apply (see the General Education Requirements (p. 27) in this catalog).

Following are suggested course selections (within the degree requirements) for students who have an interest in a particular direction.

### Course Suggestions for Pure Mathematics

These courses provide a solid theoretical understanding of central mathematics and excellent preparation for graduate study in mathematics or the mathematical sciences.

Code	Title	Hours
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 577	Linear Algebra	3
MATH 578	Algebraic Structures	3

Enough upper-level mathematics courses to satisfy the degree requirements

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Those planning graduate study in mathematics or the mathematical sciences may consider taking some of MATH 653, MATH 676, MATH 680, or subsequent courses.

### Course Suggestions for Mathematical Economics

Suitable for students planning to go on to graduate school in economics or a related area, or pursue a career in economics, business, or finance. Note: With three more ECON courses numbered above 400, the requirements for the B.A. in economics could also be satisfied.

Code	Title	Hours
ECON 101	Introduction to Economics <sup>H</sup>	3

ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
At least two of:		6
ECON 510	Advanced Microeconomic Theory <sup>H</sup>	
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	
ECON 520	Advanced Macroeconomic Theory <sup>H</sup>	
ECON 570	Applied Econometric Analysis <sup>H</sup>	
MATH 521	Advanced Calculus I <sup>H</sup>	3
At least three of:		9
MATH 522	Advanced Calculus II <sup>H</sup>	
MATH 524	Elementary Differential Equations	
MATH 535	Introduction to Probability	
MATH 550	Topology	
MATH 555	Introduction to Dynamics	
MATH 564	Mathematical Modeling in the Life Sciences	
MATH 565	Computer-Assisted Mathematical Problem Solving	
Either:		6
MATH 535/ STOR 435	Introduction to Probability	
STOR 555	Mathematical Statistics	
Or:		
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	
ECON 570	Applied Econometric Analysis <sup>H</sup>	
MATH 547 or MATH 577	Linear Algebra for Applications Linear Algebra	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Course Suggestions for Future High School Teachers

Code	Title	Hours
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> BioCalculus I	3-4
MATH 232 or MATH 283	Calculus of Functions of One Variable II <sup>H</sup> BioCalculus II	3-4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 381	Discrete Mathematics <sup>H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
At least one of:		
MATH 515	History of Mathematics	
MATH 534	Elements of Modern Algebra	
MATH 535	Introduction to Probability	
MATH 548	Combinatorial Mathematics	
MATH 550	Topology	
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 533	Elementary Theory of Numbers	3
MATH 547 or MATH 577	Linear Algebra for Applications Linear Algebra	3
MATH 551	Euclidean and Non-Euclidean Geometries	3
STOR 155	Introduction to Data Models and Inference	3
The Supplemental General Education (p. 27) requirement		9

Eighteen hours of C or better (not C-) in MATH 233, MATH 381, MATH 383, or MATH courses numbered above 500

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Mathematics

Special activities for qualified students include an undergraduate Mathematics Club, problem-solving seminars, the Putnam Mathematical Competition, and the Virginia Tech Mathematics Contest. Students interested in these activities should consult the departmental honors advisor.

Qualified undergraduate students may work as research assistants in the Fluid Laboratory or as tutors in the Math Help Center. Students can conduct original research with the guidance of a faculty member, usually in conjunction with the preparation of an honors project. Study Abroad opportunities include semester or yearlong programs in a variety of countries. The Archibald Henderson Medal and the Alfred Brauer Prize recognize outstanding performance and promise in mathematics.

Undergraduate honors research projects as well as some internships or study abroad programs might qualify for experiential education credit. MATH 296, MATH 396, and MATH 410 satisfy this requirement.

## Honors in Mathematics

Special honors (H) sections are given in some mathematics courses when student demand is sufficient (for example, MATH 62H, MATH 233H, MATH 383H).

Promising students are encouraged to work toward a bachelor's degree with honors in mathematics. This program consists of six or more courses approved by the departmental honors advisor and satisfactory completion of an honors project completed over the two semesters of the senior year. The honors project is conducted in association with a departmental faculty member on a topic approved by the departmental honors advisor, and spans two semesters of independent research, during which time the honors candidate must be enrolled in MATH 691H and MATH 692H. The final report on the project includes both a written description and an oral presentation before a committee of three faculty (including the project advisor) approved by the departmental honors advisor. The committee will then report to the departmental honors advisor, who, in conjunction with a subcommittee of the undergraduate committee, will make the final recommendation on awarding a degree with honors or highest honors. The candidate must have a 3.5 grade point average in mathematics courses to begin an honors project and must maintain the 3.5 average through the completion of the senior year.

## UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate mathematics (and science) majors interested in teaching high school mathematics the opportunity to earn their degree and obtain licensure as a North Carolina high school mathematics teacher in four years. UNC-BEST students meet all the degree requirements for their mathematics major and complete a teaching methods class (MATH 410). Students also fulfill teaching licensure coursework requirements (see list below) as well as many General Education and elective requirements.

Code	Title	Hours
MATH 410	Teaching and Learning Mathematics	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1

For more details on admission requirements and application processes, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

## Mathematics Major, B.S.

### Contact Information

#### Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)

Phillips Hall, CB# 3250

(919) 962-1294

#### Richard McLaughlin, Chair

#### Jeremy Marzuola, Director of Undergraduate Studies

[marzuola@email.unc.edu](mailto:marzuola@email.unc.edu)

#### Linda Green, Assistant Director of Undergraduate Studies

[greenl@email.unc.edu](mailto:greenl@email.unc.edu)

#### Elizabeth Davidson, Manager of Student Services

[elizabeth\\_davidson@unc.edu](mailto:elizabeth_davidson@unc.edu)

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

Students majoring in mathematics may enter either the B.A. or the B.S. program. The B.S. program is more comprehensive; it provides solid preparation for work or for further study in mathematics and related fields. Within the B.S. program there is an applied option, which is designed for students who are primarily interested in using mathematics for the study of other sciences.

## Department Programs

### Majors

- Mathematics Major, B.A. (p. 662)
- Mathematics Major, B.S. (p. 665)

### Minor

- Mathematics Minor (p. 667)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)

- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)

## Student Learning Outcomes

Upon completion of the mathematics program (B.A., B.S.), students should be able to:

- Demonstrate mastery of the core of mathematics recognized as essential by national professional mathematics organizations
- Demonstrate mathematical reasoning and problem-solving skills
- Demonstrate the ability to construct logical arguments and mathematical proofs
- Demonstrate the ability to apply mathematical knowledge and skills in context and interpret results

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

## Mathematics Majors, B.S.

Code	Title	Hours
<b>Core Requirements</b>		
One of the following:		3
COMP 110	Introduction to Programming <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
MATH 565	Computer-Assisted Mathematical Problem Solving	
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
One of the following:		3
MATH 522	Advanced Calculus II <sup>H</sup>	
MATH 523	Functions of a Complex Variable with Applications	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 566	Introduction to Numerical Analysis	
One of the following:		3
MATH 533	Elementary Theory of Numbers	
MATH 534	Elements of Modern Algebra	
MATH 578	Algebraic Structures	
MATH 548	Combinatorial Mathematics	
MATH 547	Linear Algebra for Applications (preferably before the senior year)	3
or MATH 577	Linear Algebra	
At least three additional MATH courses numbered above 520, excluding MATH 528L and MATH 529L		9
Eighteen hours of C or better (not C-) in MATH courses numbered above 520		
<b>Additional Requirements</b>		



MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	3-4
or MATH 241	BioCalculus I	
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	3-4
or MATH 283	BioCalculus II	
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
One or two semesters of physics chosen from the following options: 4-8		
PHYS 118	Introductory Calculus-based Mechanics and Relativity (recommended)	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 104 & PHYS 105	General Physics I and General Physics II	
PHYS 116 & PHYS 117	Mechanics and Electromagnetism and Optics <sup>H</sup>	
At least four courses in the Division of Natural Sciences and Mathematics (beyond the General Education (p. 27) requirements), but not in mathematics 12		
Remaining General Education (p. 27) requirements and enough free electives to accumulate 122 academic hours 66		
Total Hours		122-128

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> A current or former major in statistics and analytics (mathematical decision sciences) may substitute STOR 215 for MATH 381.

## Mathematics Major, B.S. – Applied Option

Code	Title	Hours
<b>Core Requirements</b>		
COMP 110	Introduction to Programming <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
Five courses chosen from the following list: <sup>2</sup> 15		
MATH 522	Advanced Calculus II <sup>H</sup>	
MATH 523	Functions of a Complex Variable with Applications	
MATH 524	Elementary Differential Equations	
MATH 528	Mathematical Methods for the Physical Sciences I <sup>2</sup>	
MATH 529	Mathematical Methods for the Physical Sciences II <sup>2</sup>	
MATH 535	Introduction to Probability	
MATH 548	Combinatorial Mathematics	
MATH 564	Mathematical Modeling in the Life Sciences <sup>2</sup>	
MATH 566	Introduction to Numerical Analysis <sup>2</sup>	
MATH 661	Scientific Computation I <sup>2</sup>	
MATH 668	Methods of Applied Mathematics I <sup>2</sup>	
Sequence MATH 383L, MATH 528L, and MATH 529L <sup>2</sup>		
MATH 547	Linear Algebra for Applications	3
or MATH 577	Linear Algebra	
Eighteen hours of C or better (not C-) in MATH courses numbered above 520		

### Additional Requirements

MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	3
or MATH 241	BioCalculus I	
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	3
or MATH 283	BioCalculus II	
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
One or two semesters of physics chosen from the following options: 4-8		
PHYS 118	Introductory Calculus-based Mechanics and Relativity (recommended)	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 104 & PHYS 105	General Physics I and General Physics II	
PHYS 116 & PHYS 117	Mechanics and Electromagnetism and Optics <sup>H</sup>	
Strongly recommended:		
MATH 535/STOR 435	Introduction to Probability	
STOR 555	Mathematical Statistics	

At least four courses in the Division of Natural Sciences and Mathematics (beyond the General Education (p. 27) requirements), but not in mathematics. STOR 555 can be counted for this requirement.

Remaining General Education (p. 27) requirements and enough free electives to accumulate 122 academic hours 66

Total Hours 122-126

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> A current or former major in statistics and analytics (mathematical decision sciences) may substitute STOR 215 for MATH 381.

<sup>2</sup> with at least three from MATH 528, MATH 529, MATH 564, MATH 566, MATH 661, MATH 668, sequence MATH 383L + MATH 528L + MATH 529L.

Students must complete either the B.S. or B.S.-Applied Option for a B.S. degree with a major in mathematics. All Foundations, Approaches, and Connections requirements of the General Education curriculum apply to students in both options.

Following are suggested course selections (within the degree requirements) for students who have an interest in a particular direction.

### Course Suggestions for Pure Mathematics

These courses provide a solid theoretical understanding of central mathematics and excellent preparation for graduate study in mathematics or the mathematical sciences.

Code	Title	Hours
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 577	Linear Algebra	3
MATH 578	Algebraic Structures	3

Enough upper-level mathematics courses to satisfy the degree requirements

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Those planning graduate study in mathematics or the mathematical sciences may consider taking some of MATH 653, MATH 676, MATH 680, or subsequent courses.

### Course Suggestions for Mathematical Biology

For students interested in careers or further study in mathematical life sciences.

Code	Title	Hours
BIOL 101	Principles of Biology <sup>H</sup>	3
CHEM 101 or CHEM 102	General Descriptive Chemistry I General Descriptive Chemistry II	3
At least one of:		4
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	
At least two of:		6
BIOL 454	Evolutionary Genetics	
BIOL 526	Computational Genetics <sup>H</sup>	
BIOL 551	Comparative Biomechanics	
BIOL 553	Mathematical and Computational Models in Biology	
MATH 521	Advanced Calculus I <sup>H</sup>	3
One of:		3
MATH 522	Advanced Calculus II <sup>H</sup>	
MATH 523	Functions of a Complex Variable with Applications	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 566	Introduction to Numerical Analysis	
One of:		3
MATH 534	Elements of Modern Algebra	
MATH 548	Combinatorial Mathematics	
MATH 578	Algebraic Structures	
MATH 547 or MATH 577	Linear Algebra for Applications Linear Algebra	3
Three or more mathematics courses numbered above 500. Consider especially MATH 524, MATH 529, MATH 535, and MATH 564		9

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Special Opportunities in Mathematics

Special activities for qualified students include an undergraduate Mathematics Club, problem-solving seminars, the Putnam Mathematical Competition, and the Virginia Tech Mathematics Contest. Students interested in these activities should consult the departmental honors advisor.

Qualified undergraduate students may work as research assistants in the Fluid Laboratory or as tutors in the Math Help Center. Students can conduct original research with the guidance of a faculty member, usually in conjunction with the preparation of an honors project. Study Abroad opportunities include semester or yearlong programs in a variety of

countries. The Archibald Henderson Medal and the Alfred Brauer Prize recognize outstanding performance and promise in mathematics.

Undergraduate honors research projects as well as some internships or study abroad programs might qualify for experiential education credit. MATH 296, MATH 396, and MATH 410 satisfy this requirement.

### Honors in Mathematics

Special honors (H) sections are given in some mathematics courses when student demand is sufficient (for example, MATH 62H, MATH 233H, MATH 383H).

Promising students are encouraged to work toward a bachelor's degree with honors in mathematics. This program consists of six or more courses approved by the departmental honors advisor and satisfactory completion of an honors project completed over the two semesters of the senior year. The honors project is conducted in association with a departmental faculty member on a topic approved by the departmental honors advisor, and spans two semesters of independent research, during which time the honors candidate must be enrolled in MATH 691H and MATH 692H. The final report on the project includes both a written description and an oral presentation before a committee of three faculty (including the project advisor) approved by the departmental honors advisor. The committee will then report to the departmental honors advisor, who, in conjunction with a subcommittee of the undergraduate committee, will make the final recommendation on awarding a degree with honors or highest honors. The candidate must have a 3.5 grade point average in mathematics courses to begin an honors project and must maintain the 3.5 average through the completion of the senior year.

### UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate mathematics (and science) majors interested in teaching high school mathematics the opportunity to earn their degree and obtain licensure as a North Carolina high school mathematics teacher in four years. UNC-BEST students meet all the degree requirements for their mathematics major and complete a teaching methods class (MATH 410). Students also fulfill teaching licensure coursework requirements (see list below) as well as many General Education and elective requirements.

Code	Title	Hours
MATH 410	Teaching and Learning Mathematics	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1

For more details on admission requirements and application processes, visit the School of Education Web site (<http://soe.unc.edu/academics/uncbest>).

### Mathematics Minor

### Contact Information

Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)  
 Phillips Hall, CB# 3250  
 (919) 962-1294

**Richard McLaughlin, Chair**

**Jeremy Marzuola, Director of Undergraduate Studies**  
 marzuola@email.unc.edu

**Linda Green, Assistant Director of Undergraduate Studies**  
 greenl@email.unc.edu

**Elizabeth Davidson, Manager of Student Services**  
 elizabeth\_davidson@unc.edu

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

## Department Programs

### Majors

- Mathematics Major, B.A. (p. 662)
- Mathematics Major, B.S. (p. 665)

### Minor

- Mathematics Minor (p. 667)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics>)

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Three mathematics courses numbered above 500, all with a grade of C (not C-) or better		9
<b>Additional Requirements</b>		
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> BioCalculus I	3-4
MATH 232 or MATH 283	Calculus of Functions of One Variable II <sup>H</sup> BioCalculus II	3-4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Total Hours		25-27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> A current or former major in statistics and analytics (mathematical decisions sciences) may substitute STOR 215 for MATH 381.

See the program page here (p. 662) for special opportunities.

# DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY

## Contact Information

### Department of Microbiology and Immunology

Visit Program Website (<http://www.med.unc.edu/microimm>)  
125 Mason Farm Road, 6th Floor Marsico Hall, CB# 7290  
(919) 966-1191

### William E. Goldman, Chair

The Department of Microbiology and Immunology is one of the basic science departments of the UNC School of Medicine. Although the department participates actively in the undergraduate curriculum in biology and several of its courses are open to undergraduate students, the department does not offer an undergraduate major in microbiology.

MCRO 251 Introductory Medical Microbiology is an undergraduate course, including both lecture and laboratory sessions, which is specifically designed to serve as the required prerequisite for students applying to physician assistant, pharmacy, or nursing programs, although other students with the required science background may take the course. Most of the other courses offered by the department are available to highly motivated undergraduate students with the necessary preparation, although it is important for such students to consult the course instructor before registering.

### Graduate Programs

- Ph.D. in Microbiology and Immunology (<http://catalog.unc.edu/graduate/schools-departments/microbiology-immunology>)

## MCRO—Microbiology Undergraduate-level Courses

### MCRO 251. Introductory Medical Microbiology. 4 Credits.

Required preparation, one semester of a basic undergraduate science class. An introductory course in microbiology that focuses on the structure, biology, and genetics of microbes in relation to human disease and the immune system. For students planning careers in pharmacy, nursing, dental hygiene, and related fields. A laboratory is required.

**Grading status:** Letter grade.

### MCRO 291. Undergraduate Learning Apprentice. 1 Credit.

Permission required. Experience includes preparations, demonstrations, assistance, and attendance at weekly meetings. Apprentices will not be involved in any aspects of grading.

**Requisites:** Prerequisite, MCRO 251; a grade of B or better in MCRO 251 is required.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

### MCRO 292. Undergraduate Learning Assistant. 2 Credits.

Permission required. Experience includes preparations, demonstrations, assistance, and attendance in weekly meetings.

**Requisites:** Prerequisite, MCRO 251; a grade of B or better in MCRO 251 is required.

**Repeat rules:** May be repeated for credit. 4 total credits. 2 total completions.

**Grading status:** Pass/Fail.

## Advanced Undergraduate and Graduate-level Courses

### MCRO 449. Introduction to Immunology. 3 Credits.

This course provides a general overview of the evolution, organization, and function of the immune system. Instruction will be inquiry-based with extensive use of informational and instructional technology tools.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** BIOL 449.

### MCRO 614. Immunobiology. 3 Credits.

A strong background in molecular biology, eukaryotic genetics, and biochemistry is required. Advanced survey course with topics that include molecular recognition, genetic mechanisms of host resistance, development of cells and cell interactions; hypersensitivity, autoimmunity, and resistance to infection. Course material from textbook and primary literature.

**Grading status:** Letter grade.

### MCRO 630. Virology. 3 Credits.

Required preparation, coursework in molecular biology and cell biology. Current concepts of the chemistry, structure, replication, genetics, and the natural history of animal viruses and their host cells.

**Grading status:** Letter grade.

### MCRO 631. Advanced Molecular Biology I. 3 Credits.

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. DNA structure, function, and interactions in prokaryotic and eukaryotic systems, including chromosome structure, replication, recombination, repair, and genome fluidity. Three lecture hours a week.

**Grading status:** Letter grade

**Same as:** GNET 631, BIOC 631, BIOL 631.

### MCRO 632. Advanced Molecular Biology II. 3 Credits.

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. The purpose of this course is to provide historical, basic, and current information about the flow and regulation of genetic information from DNA to RNA in a variety of biological systems. Three lecture hours a week.

**Grading status:** Letter grade

**Same as:** GNET 632, BIOC 632, BIOL 632.

### MCRO 635. Microbial Pathogenesis I. 3 Credits.

Permission of the instructor. Required preparation, coursework in molecular biology and genetics. Topics will include aspects of basic bacteriology as well as bacterial and fungal pathogens and mechanisms of disease.

**Grading status:** Letter grade.

### MCRO 640. Microbial Pathogenesis II. 3 Credits.

Permission of the instructor or a fundamental understanding of molecular virology and immunology. Molecular pathogenesis, with a primary focus on viral pathogens. Additional topics include vaccines and genetics of host-pathogen interactions.

**Grading status:** Letter grade.

**MCRO 690. Special Topics in Microbiology or Immunology. 1-15 Credits.**

Permission of the department except for department majors. Designed to introduce the student to research methods. Minor investigative problems are conducted with advice and guidance of the staff. Hours and credit to be arranged, any term. May be repeated for credit two or more semesters.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 15 total credits. 5 total completions.

**Grading status:** Letter grade.



# DEPARTMENT OF MILITARY SCIENCE

## Contact Information

### Department of Military Science

Visit Program Website (<http://unc.edu/depts/armyrotc>)

Army ROTC—Tar Heel Battalion, 221 S. Columbia Street, CB# 7485  
(919) 962-5546

Shane Doolan, Chair

Mr. Anthony Ward, Army ROTC Admissions Officer

[armyadmissions@unc.edu](mailto:armyadmissions@unc.edu)

## Introduction

The United States Army Reserve Officers' Training Corps (AROTC) provides unrivalled leadership training for success in any career field. AROTC offers students the opportunity to study, develop, and demonstrate leadership and mission command. Those who successfully complete the program are commissioned as second lieutenants in the United States Army. Army ROTC offers a variety of leadership experiences, academic challenges, and unique learning opportunities—unlike any other University program or department.

## The Army ROTC Program

### Four-Year Program

Students enrolled in the four-year program take courses during each semester. The first two years include the ROTC basic course and concentrate on leadership development, ethics and values, the profession of arms, and basic military skills. Starting the junior year, cadets enter the ROTC advanced course. The advanced course curriculum focuses on the study and application of leadership skills, mission command, advanced land navigation, and military history. Qualified cadets will have the opportunity to attend multiple iterations of Cadet Summer Training at Fort Knox, Kentucky. In their senior year, cadets submit accessions packets—including component (Active, Reserve, National Guard) and branch preferences—to compete for the opportunity to serve the nation as commissioned officers.

### Two-Year Program

The two-year program provides an opportunity for students to meet the requirements for the advanced course program and potential commissioning as officers in the United States Army. To be eligible for consideration, a student must have previously served in the armed services or attended Cadet Initial Entry Training at Fort Knox, Kentucky.

### Interested Students

Students seeking to learn more about themselves, leadership, and the United States Army can take ARMY 101, ARMY 102, ARMY 201, and ARMY 202 without incurring a service obligation.

## Advising

Cadets are required to complete an additional academic tracking form and receive guidance from their military science instructor to ensure military and graduation requirements are met.

Minor

- Military Science and Leadership Minor (p. 672)

## Professor

Shane Doolan, Major, U.S. Army, Professor of Military Science

## Assistant Professors

Anthony Forshier, Major, U.S. Army, Executive Officer

Michael Burke, Captain, U.S. Army, Training Officer

## Primary Trainers

Nicholas Barnes, Master Sergeant, U.S. Army, Senior Military Instructor

## ARMY—Army

### Undergraduate-level Courses

#### ARMY 100. Leadership Laboratory. 0 Credits.

This course is designed to enhance the military science curriculum while providing the opportunity for hands-on practice of leadership fundamentals and the education received during ARMY 101, 102, 201, 202, 301, 302, 401, and 402. Requirement for cadets.

**Repeat rules:** May be repeated for credit.

**Grading status:** Letter grade.

#### ARMY 101. Introduction to the Army and Critical Thinking. 1 Credit.

This course introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, time management, goal setting, stress management, and comprehensive fitness relate to leadership and the Army profession. Required for cadets.

**Grading status:** Letter grade.

#### ARMY 102. Adaptive Leadership and Professional Competence. 1 Credit.

Builds on ARMY 101 by offering an introduction to the personal challenges and competencies that are critical for adaptive leadership. Students learn the basics of the communication process and the importance for leaders to develop the essential skills to communicate effectively in the Army. Required for cadets.

**Grading status:** Letter grade.

#### ARMY 190. Seminar in Selected Topics of Military Science. 1-3 Credits.

Permission of the department. A detailed examination of current topics regarding the U.S. Army. Provides a course for Army ROTC cadets who require additional coursework to meet commissioning and/or scholarship requirements due to extenuating circumstances.

**Grading status:** Letter grade.

#### ARMY 196. Independent Study. 1-3 Credits.

Permission of the department and the instructor. A course learning contract is required. Any student wishing to further their Army Leadership study or unable to schedule military science courses during their allotted time frames to maintain Army enrollment requirements may enroll.

**Grading status:** Letter grade.

#### ARMY 201. Leadership and Decision Making. 2 Credits.

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced by planning, executing, and assessing team exercises. Required for cadets.

**Grading status:** Letter grade.

**ARMY 202. Army Doctrine and Team Development. 2 Credits.**

This course examines the challenges of leading teams in the complex operational environment. Highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army leadership requirements model explores the dynamics of adaptive leadership in the context of military operations. Required for cadets.

**Grading status:** Letter grade.

**ARMY 301. Army Training Management. 3 Credits.**

Students will study, practice, and apply the fundamentals of Army leadership, values, and ethics; personal development; and small unit tactics at the platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating, and leading a squad and platoon in the execution of a mission. Required for cadets.

**Requisites:** Prerequisites, ARMY 101, 102, 201, and 202; Permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ARMY 302. Applied Leadership in Platoon Operations. 3 Credits.**

Students will study, practice, and apply the fundamentals of Army leadership, values, and ethics; personal development; and small unit tactics at the platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating, and leading a squad and platoon in the execution of a mission. Required for cadets.

**Requisites:** Prerequisites, ARMY 101, 102, 201, and 202; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ARMY 401. The Army Officer. 3 Credits.**

Permission of the instructor for students lacking the prerequisites. This advanced course places primary emphasis on officership with MS IV cadets. ARMY 401 and 402 together refine and ultimately complete the cadet-to-commissioned-officer transition. This course focuses on mission command philosophy and ethical leadership. Required for cadets.

**Requisites:** Prerequisites, ARMY 301 and 302.

**Grading status:** Letter grade.

**ARMY 402. Company Grade Leadership. 3 Credits.**

In this final semester of a four-year developmental leadership experience, cadets are undergoing preparation for the duties and responsibilities of a commissioned officer along with their integration into the Army. Emphasis is on critical knowledge, skills, abilities, and competencies new officers will need to succeed in their first unit of assignment. Required for cadets.

**Requisites:** Prerequisites, ARMY 301, 302, and 401; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ARMY 493. Army Leadership Expeditionary Training. 1 Credit.**

Provides leadership training in a military environment. Professional development through academics, team building events, physical fitness, marksmanship, and leadership exercises. Course culminates in a simulated expeditionary deployment to a combat zone.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

# Military Science and Leadership Minor

## Contact Information

**Department of Military Science**

Visit Program Website (<http://unc.edu/depts/armyrotc>)

Army ROTC–Tar Heel Battalion, 221 S. Columbia Street, CB# 7485  
(919) 962-5546

**Shane Doolan, Chair****Mr. Anthony Ward, Army ROTC Admissions Officer**

[armyadmissions@unc.edu](mailto:armyadmissions@unc.edu)

The military science and leadership minor is for students who wish to augment their college experience with the study and application of military leadership. Military science courses are open to all UNC–Chapel Hill students who meet prerequisites.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in military science and leadership is a 15 semester-hour course of study selected from the list below.

Code	Title	Hours
<b>Core Requirements</b>		
ARMY 301	Army Training Management <sup>1</sup>	3
ARMY 302	Applied Leadership in Platoon Operations	3
ARMY 401	The Army Officer	3
ARMY 402	Company Grade Leadership	3
One of the following:		3
AERO/HIST/ PWAD 213	Air Power and Modern Warfare	
ASIA/HIST/ PWAD 570	The Vietnam War	
HIST/PWAD 212	History of Sea Power	
HIST/PWAD 351	Global History of Warfare	
HIST/PWAD 368	War and American Society to 1903	
HIST/PWAD 369	War and American Society, 1903 to the Present	
HIST/PWAD 373	The United States in World War II	
HIST/PWAD 564	The American Revolution, 1763-1815	
HIST/PWAD 565	Civil War and Reconstruction, 1848-1900	

HIST/PWAD/ WGST 517	Gender, Military, and War in Comparative Perspective
PHIL/POLI/ PWAD 272	The Ethics of Peace, War, and Defense
POLI/PWAD 444	Terrorism and International Peace
PWAD 488	Nuclear Security in the 21st Century
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Total Hours	15

<sup>1</sup> ARMY 101, ARMY 102, ARMY 201, and ARMY 202 are prerequisite courses to ARMY 301.

## Special Opportunities in Military Science

### Extracurricular Activities

Army ROTC offers an array of extracurricular activities. Students looking for excitement and action can volunteer to compete for the opportunity to attend the basic airborne course, Air Assault, or mountain warfare training. Other opportunities include participation as a member of the Ranger Challenge Team or color guard, travel for culture and language immersion programs, and leadership opportunities in Army units in the United States and around the world.

### Scholarships

Four-year scholarships are available for high school seniors. Three-and-a-half-, three-, two-and-a-half-, and two-year, merit-based scholarships are available to full-time students. Successful candidates will need to meet eligibility requirements and have at least a 2.5 GPA. Scholarships pay full tuition and fees, \$600 per semester book allowance, and a monthly stipend between \$300 and \$500. The North Carolina Army National Guard and the United States Army Reserve also have programs that can pay costs associated with attending the University.

### Service Obligations

Upon contracting, cadets incur an obligation to serve in the United States Army; that service can be active or reserve duty. Service obligations range from three to eight years.

# DEPARTMENT OF MUSIC

## Contact Information

### Department of Music

Visit Program Website (<http://music.unc.edu>)

Hill Hall, CB# 3320

(919) 962-1039

### Allen Anderson, Chair

anderso7@email.unc.edu

### Brent Wissick, Associate Chair for Performance, Composition, and Music Education

bswissic@email.unc.edu

### Jocelyn Neal, Associate Chair for Academic Studies

jneal@email.unc.edu

### Tonu Kalam, Director of Undergraduate Studies

kalam@email.unc.edu

### Evan Feldman, Co-Chair, Undergraduate Admission and Scholarships Committee

evanfeldman@unc.edu

### James Ketch, Co-Chair, Undergraduate Admission and Scholarships Committee

jketch@email.unc.edu

### Angeline Warren, Registrar

awarren@email.unc.edu

## Introduction

The Department of Music provides many opportunities to students who wish to study music within a strong liberal arts curriculum. We foster creative endeavor and critical inquiry through courses, ensembles, and lessons on instruments or voice that explore music from a variety of perspectives. The department offers both the bachelor of arts (B.A.) and the bachelor of music (B.Mus.) degrees for students majoring in music, and a minor in music for students majoring in other fields. The department also offers many courses and performance opportunities to undergraduates majoring in fields other than music.

## Admission

Students are admitted to the B.A. or B.Mus. programs through the regular admissions process established by the University. Prospective students intending to major in music are urged to contact the Department of Music for an audition during the year prior to their anticipated enrollment in order to strengthen their application credentials and to compete for scholarships offered by the department, including the prestigious William R. Kenan Jr. Music Scholarship.

## Individual and Group Lessons

Instruction for academic credit in keyboard, woodwind, brass, percussion, string instruments, and in voice is available to all University students. All lessons are normally offered each semester and are subject to admission and other requirements being met. Group lessons may also be available on selected instruments and in voice.

Studio assignments are based on instructor availability with preference given to music majors (B.A. and B.Mus.). Fees are charged for lessons

based on an annual schedule published by the department. Music lesson fees are to be paid during the registration period; if fees remain unpaid, lessons will be discontinued.

All students wishing to enroll for lessons must first gain the permission of the appropriate area head to register (see the Department of Music's Web site (<http://music.unc.edu/undergraduate/lessons>) for current information); this will involve an audition. Once permission has been granted, the registration process is handled by the Department of Music's registrar, who is also responsible for procedures leading to billing and the formal assignment to a teacher.

B.Mus. students whose primary focus is composition (and whether or not choosing an emphasis in composition) will fulfill the Individual Lessons core requirement by taking MUSC 166, three semesters of MUSC 266, and two hours of MUSC 100–MUSC 107 or MUSC 200–MUSC 207.

MUSC 100–MUSC 107 may be repeated for credit to a maximum of eight hours; MUSC 200–MUSC 207 may be repeated for credit to a maximum of 16 hours; MUSC 266 may be repeated for credit to a maximum of 18 hours; MUSC 300–MUSC 306 may be repeated for credit for a degree to a maximum of six hours. In all these cases, repetition is subject to a grade of C or better in the immediately prior enrollment in the course.

## Ensembles

A variety of department ensembles under MUSC 211–MUSC 214 are open to all students by audition. Each carries one credit hour per semester and may be repeated for credit.

B.A. candidates majoring in music must accrue four credit hours in ensembles drawn from MUSC 211 and/or MUSC 212. B.Mus. candidates must accrue eight credit hours chosen from MUSC 211 and/or MUSC 212, at least five of which must be from MUSC 211.

B.A. candidates majoring in music may count no more than three additional hours from MUSC 211–MUSC 214 towards their degree for music. They may count as credit hours for graduation, subject to the overall limit on music hours. Candidates for the B.Mus. may count no more than six additional hours from MUSC 211–MUSC 214 towards their degree for music. They may count as credit hours for graduation, subject to the overall limit on music hours.

B.A. students whose primary instrument is piano will normally fulfill the ensemble requirement by taking one semester of large ensemble (MUSC 211) in addition to the three-semester piano ensemble sequence (Piano Ensemble I: Piano Duet; Piano Ensemble II: Vocal Accompanying; Piano Ensemble II: Instrumental Accompanying).

B.Mus. students whose primary instrument is piano will normally take at least one semester of large ensemble (MUSC 211) and the three-semester piano ensemble sequence (Piano Ensemble I: Piano Duet; Piano Ensemble II: Vocal Accompanying; Piano Ensemble II: Instrumental Accompanying). The rest of the ensemble requirement will be fulfilled by way of additional semesters of MUSC 211 (which may include Collaborative Piano) or MUSC 214.

Students should check with the appropriate ensemble director for more information concerning requirements and procedures for the auditions, which are typically held during the first week of each semester. Ensemble directors are listed on the department's Web site (<http://music.unc.edu/undergraduate/ensembles>). The department offers the following ensembles, most of which meet the ensemble or elective requirements for the music major:

Baroque Ensemble/Viol Consort	New Music Ensemble
Bluegrass Band	Pep Band
Brass Chamber Music Ensembles	Percussion Ensemble
Carolina Choir	Piano Ensembles
Chamber Singers	String Chamber Ensembles
Charanga Carolina	Symphony Band
Gamelan	Symphony Orchestra
Global Rhythms	UNC Opera
Guitar Ensemble	University Band
Jazz Band	University Chamber Players
Jazz Combos	Wind Ensemble
Marching Band	Women's Glee Club
Men's Glee Club	Woodwind Chamber Ensembles

## Advising

All majors and minors have an academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their academic advisor and review their Tar Heel Tracker each semester. In addition, the department's advisory team and the director of undergraduate studies work with current and prospective music majors individually by appointment (see contact information above). Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://music.unc.edu>).

### Majors

- Music Major, B.A. (p. 684)
- Music Major, Bachelor of Music (B.Mus.) (p. 688)

### Minor

- Music Minor (p. 693)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)

## Professors

Allen Anderson, Stephen Anderson, Mark Evan Bonds, Tim Carter, Annegret Fauser, Tonu Kalam, Mark Katz, James E. Ketch, Susan Klebanow, Stefan Litwin, Jocelyn Neal, Donald L. Oehler, Terry E. Rhodes, Brent S. Wissick.

## Associate Professors

Evan Feldman, David García, Anne MacNeil, Lee Weisert, Clara Yang.

## Assistant Professors

Juan Álamo, Andrea Bohlman, Marc Callahan, Nicholas DiEugenio, Michael Figueroa, Aaron Marcus, Chérie Rivers Ndaliko.

## Clinical Associate Professor

Daniel Huff.

## Music Librarian and Adjunct Associate Professor

Philip Vandermeer.

## Professor of the Practice

Emil Kang.

## Director of University Bands

Jeffrey Fuchs.

## Assistant Director of Athletic Bands

*Vacant.*

## Teaching Associate Professors

Jeanne Fischer, Michael Kris.

## Lecturer

Eugene Galvin.

## Adjunct Faculty

Robert Anderson, Robert Buxton, Laura Byrne, Dan Davis, Jess Dilday, Jason Foureman, Natalie Fritz, Samuel Gold, Aaron Hill, Russell Johnson, Anna Lampidis, Lindsay Leach-Sparks, Melissa Martin, Amy Mason, Susan Moeser, Mérida Negrete, Edmund Paolantonio, John Pederson, Leah Peroutka, Scott Sawyer, Emily Wolber Scheuring, Mimi Solomon, Timothy Sparks, William Stewart, Stephanie Vial, Ken Weiss, Jacqueline Wolborsky, Akiko Yamazaki.

## Professors Emeriti

Harold L. Andrews, Jon W. Finson, Lynn Glasscock, James Haar, James Moeser, John L. Nádas, Severine Neff, Thomas Otten, Howard Smither, Thomas Warburton, Brooks de Wetter-Smith, Francis Whang, Stafford Wing, Ann Woodward, Michael Zenge.

The Department of Music provides the opportunity for any student to engage broadly with music. An ability to read standard musical notation is not normally required to complete the following courses: MUSC 51–MUSC 65, MUSC 89, MUSC 121, MUSC 141–MUSC 148, MUSC 155–MUSC 158, MUSC 164, MUSC 188, MUSC 240, MUSC 248, MUSC 280–MUSC 294. Numerous courses in music also fulfill Approaches and Connections requirements; see General Education requirements or ConnectCarolina for more information.

## MUSC–Music

### Undergraduate-level Courses

**MUSC 51. First-Year Seminar: The Interplay of Music and Physics. 3 Credits.**

Acoustics and music from a practical standpoint.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** PHYS 51.



**MUSC 52. First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949. 3 Credits.**

Oklahoma!, Carousel, and South Pacific in their political, social, and cultural contexts.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**MUSC 53. First-Year Seminar: Rock 'n' Roll: The First Wave, 1955-1964. 3 Credits.**

A sociomusical study of rock 'n' roll in its first decades.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**MUSC 54. First-Year Seminar: Music and Magic. 3 Credits.**

The perceived and actual relationships between music and magic in a range of historical periods.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**MUSC 55H. First-Year Seminar: A Love Affair in Renaissance Drama and Music. 3 Credits.**

Music and drama in Renaissance plays within the pastoral tradition.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**MUSC 56. First-Year Seminar: Early-Modern Court Spectacle. 3 Credits.**

Music and spectacle in the late medieval, Renaissance, and baroque courts of Europe.

**Gen Ed:** HS, CI, WB.

**Grading status:** Letter grade.

**MUSC 57. First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism. 3 Credits.**

Textual and musical analysis of Verdi's operas (libretto and score) in their sociohistorical contexts.

**Gen Ed:** LA, CI, WB.

**Grading status:** Letter grade.

**MUSC 58. First-Year Seminar: Music in Motion: American Popular Music and Dance. 3 Credits.**

The relationship and interplay between musical genres and social dance in different communities and eras.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**MUSC 59. First-Year Seminar: 20th-Century Music and Visual Art. 3 Credits.**

The relationship between music and the visual arts in the modernist and postmodernist periods viewed in their historical contexts.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade.

**MUSC 60H. First-Year Seminar: American Literature and Its Music. 3 Credits.**

Music in, and musical settings of, American literature of the Romantic, modern, and postmodern periods.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**MUSC 61H. First-Year Seminar: Reverberations. 3 Credits.**

Musical crossovers in world musics and societies.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**MUSC 62H. First-Year Seminar: Vienna: City of Dreams. 3 Credits.**

Vienna in the early 1900s as a locus for modernism.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade.

**MUSC 62. First-Year Seminar: Vienna: City of Dreams. 3 Credits.**

Vienna in the early 1900s as a locus for modernism.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade.

**MUSC 63. First-Year Seminar: Music on Stage and Screen. 3 Credits.**

Offers tools and techniques for understanding multimedia, staged musical works like opera, musical theater, and film. The goal of the seminar is to develop students' analytical skills in verbal and nonverbal media and to encourage their visualization of the potential and implications of artistic forms and structures.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**MUSC 63H. First-Year Seminar: Music on Stage and Screen. 3 Credits.**

Offers tools and techniques for understanding multimedia, staged musical works like opera, musical theater, and film. The goal of the seminar is to develop students' analytical skills in verbal and nonverbal media and to encourage their visualization of the potential and implications of artistic forms and structures.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**MUSC 64. First-Year Seminar: What is a Work of Art? Listening to Music. 3 Credits.**

Musical aesthetics, musical works, and the nature of musical art.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade.

**MUSC 65. First-Year Seminar: Music and Culture: Understanding the World through Music. 3 Credits.**

This seminar focuses on the variety of performances presented by Carolina Performing Arts at Memorial Hall. Through attendance at performances and through research on the performing artists and the works being performed, students explore questions such as, How does music reflect culture? How does the culture shape the art form?

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 66. First-Year Seminar: A Course in Digital Humanities and Multimedia. 3 Credits.**

Bring your own research ideas and learn how to design digital projects for them, including creating visualizations and audio widgets. Learn how to write grant applications for digital humanities, and explore virtual reality projects. Visit the immersion cave at NC State, talk with researchers at Duke's Wired! Lab, and work with programmers at UNC's own Digital Innovation Lab. This class has a particular focus on digital humanities, acoustics, and sound.

**Gen Ed:** VP, EE- Mentored Research.

**Grading status:** Letter grade.

**MUSC 66H. First-Year Seminar: A Course in Digital Humanities and Multimedia. 3 Credits.**

Bring your own research ideas and learn how to design digital projects for them, including creating visualizations and audio widgets. Learn how to write grant applications for digital humanities, and explore virtual reality projects. Visit the immersion cave at NC State, talk with researchers at Duke's Wired! Lab, and work with programmers at UNC's own Digital Innovation Lab. This class has a particular focus on digital humanities, acoustics, and sound.

**Grading status:** Letter grade.

**MUSC 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Grading status:** Letter grade.

**MUSC 100. Individual Keyboard Lessons. 0.5-1 Credits.**

Individual lessons in piano, organ, or harpsichord. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 102. Individual Voice Lessons. 0.5-1 Credits.**

Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 103. Individual String Lessons. 0.5-1 Credits.**

Individual lessons in violin, viola, cello, string bass, harp, guitar, banjo, or mandolin. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 104. Individual Woodwind Lessons. 0.5-1 Credits.**

Individual lessons in flute, oboe, clarinet, saxophone, bassoon, or recorder. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 105. Individual Brass Lessons. 0.5-1 Credits.**

Individual lessons in horn, trumpet, trombone, tuba, or euphonium. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 106. Individual Percussion Lessons. 0.5-1 Credits.**

Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 107. Applied Instruction. 0.5-1 Credits.**

Group or individual instruction in a specified instrument offered by the department. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 110. Group Lessons in Piano. 1 Credit.**

Beginning group piano for minors and nonmajors, including introduction to reading from score. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours. Sections by instructor.

**Repeat rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 111. Group Lessons in Voice. 1 Credit.**

Beginning and intermediate group lessons for minors and nonmajors. Sections by instructor.

**Repeat rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 112. Group Lessons in Strings. 1 Credit.**

Group lessons in violin, viola, cello, string bass, or guitar. Sections by instructor.

**Repeat rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 113. Group Lessons in Woodwinds. 1 Credit.**

Group lessons in flute, oboe, clarinet, saxophone, bassoon, or recorder. Sections by instructor.

**Repeat rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 114. Group Lessons in Brass. 1 Credit.**

Group lessons in horn, trumpet, trombone, tuba, or euphonium. Sections by instructor.

**Repeat rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 115. Group Lessons in Percussion. 1 Credit.**

Sections by instructor.

**Repeat rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 120. Foundations in Music. 3 Credits.**

An introduction to concepts and methods fundamental to the study, practice, and performance of music. The course provides a foundation for undergraduate students interested in the study of music. Students will gain an appreciation for music's significance across repertoires and develop the aptitude to think about music in different ways. Intended for music majors and minors.

**Grading status:** Letter grade.

**MUSC 121. Fundamentals of Music I. 3 Credits.**

Notational and theoretical materials of music, with musicianship skills developed. Intended for the nonmajor who wishes to learn to express musical ideas in clear, correct notational form.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 122. Fundamentals of Music II. 3 Credits.**

A continuation of MUSC 121 with the addition of basic instrumentation and arranging.

**Requisites:** Prerequisite, MUSC 121.

**Grading status:** Letter grade.

**MUSC 123. Diction for Singers I (English/Italian). 1 Credit.**

Basic principles of diction for singers in English/Italian presented through the use of the International Phonetic Alphabet.

**Requisites:** Corequisite, MUSC 202.

**Grading status:** Letter grade.

**MUSC 124. Diction for Singers II (French). 1 Credit.**

Basic principles of diction and the International Phonetic Alphabet for singers in French.

**Requisites:** Prerequisite, MUSC 123.

**Grading status:** Letter grade.

**MUSC 125. Diction for Singers III (German). 1 Credit.**

Basic principles of diction and the International Phonetic Alphabet for singers in German.

**Requisites:** Prerequisite, MUSC 123.

**Grading status:** Letter grade.

**MUSC 130. Musicianship Skills I. 1 Credit.**

Basic musicianship skills, including music notation, basic composition, score analysis, keyboard, sight singing, and ear training.

**Requisites:** Co-requisite, MUSC 131.

**Grading status:** Letter grade.

**MUSC 131. Theory I. 3 Credits.**

Enrollment subject to a placement test. An introduction to music theory and analysis for students who intend to pursue a music degree. Course covers basic principles of melody, counterpoint, rhythm, and meter.

**Requisites:** Prerequisite, MUSC 120; corequisite, MUSC 130.

**Gen Ed:** VP, QI.

**Grading status:** Letter grade.

**MUSC 131H. Theory I. 3 Credits.**

Enrollment subject to a placement test. An introduction to music theory and analysis for students who intend to pursue a music degree. Course covers basic principles of melody, counterpoint, rhythm, and meter.

**Gen Ed:** VP, QI.

**Grading status:** Letter grade.

**MUSC 132. Theory II. 3 Credits.**

A continuation of MUSC 131, covering more advanced topics of melody, harmony, counterpoint, rhythm, meter, and form.

**Requisites:** Prerequisite, MUSC 131; prerequisite requires a grade of C or better.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 132H. Theory II. 3 Credits.**

A continuation of MUSC 131, covering more advanced topics of melody, harmony, counterpoint, rhythm, meter, and form.

**Requisites:** Prerequisite, MUSC 131; prerequisite requires a grade of C or better.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 133. Musicianship Skills II. 1 Credit.**

A continuation of MUSC 130, with emphasis on intermediate-level musicianship skills.

**Requisites:** Prerequisites, MUSC 130 and 131; co-requisite, MUSC 132.

**Grading status:** Letter grade.

**MUSC 135. Jazz Theory. 3 Credits.**

An introduction to the musical materials of jazz, including chord/scale relationships, functional keyboard skills, and harmonic analysis.

**Requisites:** Prerequisite, MUSC 131.

**Grading status:** Letter grade.

**MUSC 136. Keyboard Skills I. 1 Credit.**

Beginning group piano instruction for music majors.

**Grading status:** Letter grade.

**MUSC 141. Survey of Western Music History. 3 Credits.**

A chronological survey of the history of Western art music from roughly 1500 to the present. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 142. Great Musical Works. 3 Credits.**

The study of selected works from the Western art tradition, with an emphasis on critical understanding. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 143. Introduction to Rock Music. 3 Credits.**

A survey of rock music history, culture, and musical styles. The course includes extensive listening and an overview of the music's development and evolution.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**MUSC 144. Introduction to Country Music. 3 Credits.**

A survey and investigation of country music from 1920 to the present. This course addresses the music, history, culture, and meaning, across a broad and inclusive of styles, with, with emphasis on critical listening.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**MUSC 145. Introduction to Jazz. 3 Credits.**

A survey of jazz music from its origins to the present. The course builds skills in critical listening and blends discussion of musical materials and historical and cultural contexts.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade.

**MUSC 146. Introduction to World Musics. 3 Credits.**

The study of music in and as culture. Topics may include the performance cultures of Native America, south Asia, Australia, Africa, east Asia, Southeast Asia, Europe, and the Americas.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**MUSC 147. Introduction to the Music of the Americas. 3 Credits.**

An introduction to contemporary Latin(o) American popular music, focusing on how musicians have negotiated an increasingly global popular culture industry.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**MUSC 148. Introduction to Black Music. 3 Credits.**

An introduction to black musical cultures with a focus on understanding how music is made within social, geographical, and political contexts.

The course includes experiential learning, live concert attendance, and conversations with practicing musicians in various musical traditions.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**MUSC 155. The Art and Culture of the DJ. 3 Credits.**

An exploration of the important, often misunderstood role of the DJ in modern musical life, with particular attention to the ways in which DJing challenges traditional notions of music, musicianship, and musical instruments. Guest lectures, demonstrations, and tutorials by visiting DJs form a significant component of the course.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 156. Beat Making Lab. 3 Credits.**

An introductory hands-on study of the composition of electronic instrumental tracks for hip-hop and dance music. Students make beats, learn about the history and culture of the art form, and examine beat making as a case study in entrepreneurship.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 157. Rap Lab. 3 Credits.**

A hands-on study of the art of emceeing. Students engage in a rigorous lyricism curriculum, developing the skills to write, recite, and improvise lyrics in live and recorded settings. Students also explore the history of hip-hop culture and analyze the aesthetics of emcees from around the world.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 158. Rock Lab. 3 Credits.**

An introduction to issues of performance practice in rock music and related styles and genres including, but not limited to, soul, funk, new wave, and punk. Through intensive coaching and rehearsal students learn performance, transcription, arranging, and improvisation.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 161. Music Production I. 3 Credits.**

An in-depth study of vintage and modern music production techniques for jazz, classical, hip-hop, R&B, rock EDM, folk, and other popular forms of music. A focus on digital and analog recording, Pro Tools, and other DAW software basics, microphone techniques, consoles, signal flow, mixing and mastering techniques.

**Grading status:** Letter grade.

**MUSC 163. Jazz Improvisation I. 3 Credits.**

An introductory course in the development of improvisational skills for the jazz idiom. The primary focus is the introduction of nomenclature, the development of basic jazz vocabulary, and the application of this knowledge using basic jazz tune types.

**Requisites:** Prerequisite, MUSC 135.

**Grading status:** Letter grade.

**MUSC 164. Music of South Asia. 3 Credits.**

This course provides a comprehensive overview of the music of South Asia, focusing on India, Pakistan, and Bangladesh. The entire spectrum of musical genres will be covered.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 164.

**MUSC 166. Introduction to Composition. 3 Credits.**

The study of compositional techniques and the development of individual creative styles through imitative and original writing.

**Requisites:** Prerequisite, MUSC 131.

**Grading status:** Letter grade.

**MUSC 167. Instrumentation. 3 Credits.**

Practical exercises in scoring and arranging for various combinations from single instrumental choirs to full concert orchestra, with trial group performances.

**Requisites:** Prerequisite, MUSC 131.

**Grading status:** Letter grade.

**MUSC 168. Basic Conducting. 3 Credits.**

Basic conducting techniques, score reading, and music performance evaluation for choral and instrumental groups.

**Requisites:** Prerequisite, MUSC 131.

**Grading status:** Letter grade.

**MUSC 188. Introduction to Women and Music. 3 Credits.**

The role of women in performance, composition, patronage, and the music business across a wide range of repertoires.

**Gen Ed:** VP, GL, NA.

**Grading status:** Letter grade

**Same as:** WGST 188.

**MUSC 200. Advanced Individual Lessons in Keyboard. 2 Credits.**

Advanced individual lessons in piano, organ, or harpsichord. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 200H. Advanced Individual Lessons in Keyboard. 2 Credits.**

Advanced individual lessons in piano, organ, or harpsichord. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 202. Advanced Individual Lessons in Voice. 2 Credits.**

Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 202H. Advanced Individual Lessons in Voice. 2 Credits.**

Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 203. Advanced Individual Lessons in Strings. 2 Credits.**

Advanced individual lessons in violin, viola, cello, string bass, harp, or guitar. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 203H. Advanced Individual Lessons in Strings. 2 Credits.**

Advanced individual lessons in violin, viola, cello, string bass, harp, or guitar. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 204. Advanced Individual Lessons in Woodwinds. 2 Credits.**

Advanced individual lessons in flute, oboe, clarinet, saxophone, or bassoon. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 204H. Advanced Individual Lessons in Woodwinds. 2 Credits.**

Advanced individual lessons in flute, oboe, clarinet, saxophone, or bassoon. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.



**MUSC 205. Advanced Individual Lessons in Brass. 2 Credits.**

Advanced individual lessons in horn, trumpet, trombone, tuba, or euphonium. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 205H. Advanced Individual Lessons in Brass. 2 Credits.**

Advanced individual lessons in horn, trumpet, trombone, tuba or euphonium. Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 206. Advanced Individual Lessons in Percussion. 2 Credits.**

Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 206H. Advanced Individual Lessons in Percussion. 2 Credits.**

Sections by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 207. Advanced Applied Instruction. 2 Credits.**

Advanced instruction in a specified instrument offered by the department. Sections by instructor.

**Repeat rules:** May be repeated for credit.

**Grading status:** Letter grade.

**MUSC 211. Ensemble I. 1 Credit.**

Sections by ensemble: Symphony Orchestra, Wind Ensemble, Symphony Band, Carolina Choir, Chamber Singers, Men's Glee Club, Women's Glee Club, Piano Ensemble I, Piano Ensemble II, Collaborative Piano, Guitar Ensemble, Jazz Band.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 212. Ensemble II. 1 Credit.**

Sections by ensemble: UNC Opera, Percussion Ensemble, Gamelan, Charanga Carolina, Global Rhythms, Bluegrass Band.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 213. Ensemble III. 1 Credit.**

Sections by ensemble: Marching/ Pep Band, Jazz Lab Band, Chamber Orchestra, University Band.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**MUSC 214. Chamber Music. 1 Credit.**

Sections by ensemble: University Chamber Players, String Chamber Ensembles, Woodwind Chamber Ensembles, Brass Chamber Ensembles, Piano Chamber Ensembles, Jazz Combos, Baroque Ensemble/Viol Consort, New Music Ensemble.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 214H. Chamber Music. 1 Credit.**

Sections by ensemble: University Chamber Players, String Chamber Ensembles, Woodwind Chamber Ensembles, Brass Chamber Ensembles, Piano Chamber Ensembles, Jazz Combos, Baroque Ensemble/Viol Consort, New Music Ensemble.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**MUSC 223. Piano Literature. 3 Credits.**

Survey of keyboard literature from the Baroque era to the present.

**Requisites:** Prerequisite, MUSC 121 or 131.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 224. Piano Pedagogy. 3 Credits.**

Problems, materials, and methods of teaching piano to students of all ages.

**Requisites:** Prerequisite, MUSC 100 or 200.

**Grading status:** Letter grade.

**MUSC 225. Vocal Pedagogy. 3 Credits.**

Practical methodology for teaching voice to students of all experience levels. Topics covered include anatomy, historical pedagogy, national vocal teaching styles, and current trends in voice science.

**Requisites:** Prerequisite, MUSC 102 or 202.

**Grading status:** Letter grade.

**MUSC 226. Woodwinds, Brass, Percussion, and Strings Techniques. 3 Credits.**

Primarily for students pursuing teacher licensure. An introduction to basic performance skills on representative woodwind, brass, percussion, and string instruments.

**Grading status:** Letter grade.

**MUSC 227. Keyboard, Vocal, and Elementary Music Techniques. 3 Credits.**

Primarily for students pursuing teacher licensure. An introduction to basic performance skills in voice and piano, and approaches to teaching elementary music.

**Grading status:** Letter grade.

**MUSC 228. Principles of Teaching Music. 3 Credits.**

A continuation of MUSC 226 and 227, allowing students the opportunity to develop further performance skills and pedagogical techniques in music education. Offered in sections: instrumental, vocal, strings.

**Requisites:** Prerequisites, MUSC 226 and 227.

**Grading status:** Letter grade.

**MUSC 230. Musicianship Skills III. 1 Credit.**

A continuation of MUSC 133, with emphasis on intermediate- to advanced-level musicianship skills.

**Requisites:** Prerequisites, MUSC 132 and 133; co-requisite, MUSC 232.

**Grading status:** Letter grade.

**MUSC 232. Theory III. 3 Credits.**

A continuation of MUSC 132, covering topics including chromatic harmony and form.

**Requisites:** Prerequisite, MUSC 132; prerequisite requires a grade of C or better.

**Gen Ed:** VP.

**Grading status:** Letter grade.



**MUSC 232H. Theory III. 3 Credits.**

A continuation of MUSC 132, covering topics including chromatic harmony and form.

**Requisites:** Prerequisite, MUSC 132; prerequisite requires a grade of C or better.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 233. Studies in Performance Practices. 3 Credits.**

The study of vocal and instrumental performances practices in specific periods and repertoires.

**Requisites:** Prerequisite, MUSC 254.

**Grading status:** Letter grade.

**MUSC 234. World Musics in Theory and Practice. 3 Credits.**

Through the use of various ethnomusicological methodologies, students explore a range of non-Western musical systems in their cultural contexts. Topics of study may include aesthetic theories, cultural meaning, and conflict.

**Requisites:** Prerequisites, MUSC 120 and 131.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**MUSC 236. Keyboard Skills II. 1 Credit.**

Continues group piano instruction for music majors begun in MUSC 136.

**Requisites:** Prerequisite, MUSC 136.

**Grading status:** Letter grade.

**MUSC 239. Introduction to Music Technology. 3 Credits.**

A practical study of selected aspects of computerized music technology, including one or more of music-notation software, MIDI sequencing, digital sound production and storage, and computer composition.

**Grading status:** Letter grade.

**MUSC 240. Performance in Southeast Asia: Gongs, Punks, and Shadow Plays. 3 Credits.**

The study and comparison of contemporary Southeast Asian performance genres (music, theatre, dance, ritual) in historical and cultural contexts.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 240.

**MUSC 245. Dance in Indonesia. 3 Credits.**

This course is concerned with the performance and interpretation of Indonesian dance. It covers three areas of study: practical learning of traditional Indonesian dance repertoire, theoretical analyses and interpretation, and learning the music accompanying the dance.

**Requisites:** Prerequisite, MUSC 146.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**MUSC 248. Women in Opera. 3 Credits.**

An examination and exploration of women's changing roles and influence, onstage and behind the scenes, in the history of opera.

**Gen Ed:** NA.

**Grading status:** Letter grade

**Same as:** WGST 248.

**MUSC 251. Studies in Medieval and Early Modern Music. 3 Credits.**

The study of music in its historical and cultural contexts in the medieval and early modern eras. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**MUSC 254. Studies in Music History I, Antiquity to 1750. 3 Credits.**

A survey of music's development from antiquity to 1750, in its stylistic, geographical, political, social, and cultural contexts.

**Requisites:** Prerequisite, MUSC 131; Permission of the instructor for students lacking the prerequisite.

**Gen Ed:** WB.

**Grading status:** Letter grade.

**MUSC 255. Studies in Music History II, 1750 to the Present. 3 Credits.**

A continuation of MUSC 254, surveying music of the period since 1750 in its stylistic, geographical, political, social, and cultural contexts.

**Requisites:** Prerequisites, MUSC 132 and 254; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**MUSC 258. Musical Movements: Migration, Exile, and Diaspora. 3 Credits.**

The musical results of migrations of all types, voluntary or forced, by way of case studies drawn from historical and/or contemporary musics of Africa, the Americas, Asia, and Europe.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**MUSC 261. Music Production II. 3 Credits.**

As a continuation of MUSC 161, this course will include more advanced techniques in mixing, mastering, and music production. Listening and ear training with practical exercises will be explored. The work of notable engineers and producers will be looked at with an ear towards their production values and critical listening of the material.

**Grading status:** Letter grade.

**MUSC 263. Jazz Improvisation II. 3 Credits.**

Continuation of MUSC 163, examining more advanced improvisational techniques, harmonic materials, and compositional tune types.

**Requisites:** Prerequisite, MUSC 163.

**Grading status:** Letter grade.

**MUSC 265. Jazz Composition and Arranging. 3 Credits.**

Composing and arranging for small- and large-group jazz ensembles.

**Requisites:** Prerequisites, MUSC 135 and 163.

**Grading status:** Letter grade.

**MUSC 266. Composition. 3 Credits.**

May be repeated for credit. Original compositions in various forms.

**Requisites:** Prerequisite, MUSC 166.

**Repeat rules:** May be repeated for credit.

**Grading status:** Letter grade.

**MUSC 267. Orchestration. 3 Credits.**

Practical orchestral scoring with emphasis on understanding and imitating historical styles from Mozart through Ravel.

**Requisites:** Prerequisite, MUSC 167.

**Grading status:** Letter grade.

**MUSC 269. Music in the Community. 3 Credits.**

Connecting academic inquiry in community music with an experiential project in the making, organization, or documentation of music locally.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**MUSC 280. Jazz Innovators. 3 Credits.**

Musical, historical, cultural, and social issues in jazz studied through the examination of innovative and influential jazz artists.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**MUSC 281. Popular Song in American Culture. 3 Credits.**

The relationship between popular song and culture in American society is explored by focusing on an important historical repertoire or interpretive theme.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 282. Bach and Handel. 3 Credits.**

The culmination of baroque music, emphasizing Bach's cantatas, concertos, organ music, and instrumental music, and Handel's oratorios and operas, all in their cultural contexts. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 283. Haydn and Mozart. 3 Credits.**

The high point in Viennese music of the late 18th century, emphasizing Haydn's symphonies and quartets, and Mozart's operas and piano concertos. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 284. Beethoven and His Era. 3 Credits.**

Beethoven's music will be studied in the context of social structures and concepts about artists during his lifetime. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 285. Musical Modernism. 3 Credits.**

A study of the work of diverse composers characteristic of music since ca. 1880 viewed in their broader artistic and other contexts. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 286. Music as Culture. 3 Credits.**

May be repeated for credit if on a different topic. Music in the framework of its social, political, economic, and cultural contexts.

**Gen Ed:** VP.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 286H. Music as Culture. 3 Credits.**

May be repeated for credit if on a different topic. Music in the framework of its social, political, economic, and cultural contexts.

**Gen Ed:** VP.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 287. Opera as Drama. 3 Credits.**

An introduction to music as related to drama, especially the development of opera and related genres. Study of selected works from different periods and styles. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 287H. Opera as Drama. 3 Credits.**

An introduction to music as related to drama, especially the development of opera and related genres. Study of selected works from different periods and styles. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 288. The Orchestra and Its Music. 3 Credits.**

Study of the symphony orchestra, its instruments, and its historical development from the mid-18th century to the present, and the music it plays, including selected works in a variety of styles. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 289. Sounds of War and Revolution. 3 Credits.**

Music's roles in war and revolution within various political, social, and cultural contexts. Part of the cluster "War, Revolution and Culture-Transatlantic Perspectives, 1750-1850.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** PWAD 289.

**MUSC 291. Music and Politics. 3 Credits.**

The relationship between music and politics studied through a global range of historical and geographical contexts. The course covers specific musical and political manifestations as well as theoretical approaches to the issue.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 292. Media and Social Change in Africa. 3 Credits.**

The historical and ongoing tradition of protest by African artists with particular focus on the aesthetics, politics, and geography of innovative grassroots movements on the African continent that effect social change through music and film.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**MUSC 294. Bluegrass Music, Culture, and History. 3 Credits.**

The history, culture, musical sound, and practice of bluegrass music, with an intensive focus on critical listening. Covers significant performers, musical styles, and both fan and performance culture and meaning.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**MUSC 296. Special Studies for Undergraduates. 1-3 Credits.**

Available only to music majors by permission of the director of undergraduate studies. Intensive study on a particular topic under faculty supervision.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**MUSC 300. Advanced Keyboard Lessons and Recital. 3 Credits.**

Advanced individual keyboard lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 200.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 300H. Advanced Keyboard Lessons and Recital. 3 Credits.**

Advanced individual keyboard lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 200.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 302. Advanced Voice Lessons and Recital. 3 Credits.**

Advanced individual voice lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 202.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 302H. Advanced Voice Lessons and Recital. 3 Credits.**

Advanced individual voice lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 202.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 303. Advanced String Lessons and Recital. 3 Credits.**

Advanced individual string lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 203.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 303H. Advanced String Lessons and Recital. 3 Credits.**

Advanced individual string lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 203.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 304. Advanced Woodwind Lessons and Recital. 3 Credits.**

Advanced individual woodwind lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 204.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 304H. Advanced Woodwind Lessons and Recital. 3 Credits.**

Advanced individual woodwind lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 204.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 305. Advanced Brass Lessons and Recital. 3 Credits.**

Advanced individual brass lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 205.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 305H. Advanced Brass Lessons and Recital. 3 Credits.**

Advanced individual brass lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 205.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 306. Advanced Percussion Lessons and Recital. 3 Credits.**

Advanced individual percussion lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 206.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 306H. Advanced Percussion Lessons and Recital. 3 Credits.**

Advanced individual percussion lessons leading to a public recital.

**Requisites:** Prerequisite, MUSC 206.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 307. Advanced Composition/Recital. 3 Credits.**

This course is conceived as a culminating project that showcases a student's original musical compositions.

**Requisites:** Prerequisite, MUSC 266.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 308. Intermediate Lessons in Conducting. 3 Credits.**

Intermediate conducting for instrumental or vocal ensembles.

**Requisites:** Prerequisite, MUSC 168.

**Grading status:** Letter grade.

**MUSC 309. Advanced Lessons in Conducting. 3 Credits.**

May be repeated for up to six hours of credit. Advanced conducting for instrumental or choral ensembles.

**Requisites:** Prerequisite, MUSC 308.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 331. Musical Form and Analysis. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. The study of analytical techniques as applied to significant works of the period.

**Requisites:** Prerequisite, MUSC 232.

**Grading status:** Letter grade.

**MUSC 332. Counterpoint. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. The study of two-, three-, and four-voice counterpoint, for example in the style of Palestrina, Bach, or 20th-century idioms.

**Requisites:** Prerequisite, MUSC 232.

**Grading status:** Letter grade.

**MUSC 333. Analysis of Popular Music. 3 Credits.**

Permission of the instructor for students lacking the prerequisite.

Analysis and transcription of blues, rock, ballads, and jazz, with an emphasis on rock music since 1955.

**Requisites:** Prerequisite, MUSC 232.

**Grading status:** Letter grade.

**MUSC 338. Analysis of Music since 1900. 3 Credits.**

Permission of the instructor for students lacking the prerequisite. The study of analytical techniques as applied to significant works of the period.

**Requisites:** Prerequisite, MUSC 232.

**Grading status:** Letter grade.

**MUSC 355. History and Culture of Music. 3 Credits.**

Course will address a particular genre, composer, compositional issue, or repertoire, including non-Western and popular musics. Subject matter will vary with the instructor. May be repeated for credit if on a different topic.

**Requisites:** Prerequisite, MUSC 254.

**Gen Ed:** CI.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 355H. History and Culture of Music. 3 Credits.**

Course will address a particular genre, composer, compositional issue, or repertoire, including non-Western and popular musics. Subject matter will vary with the instructor. May be repeated for credit if on a different topic.

**Requisites:** Prerequisite, MUSC 254.

**Gen Ed:** CI.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 363. Studies in Jazz. 3 Credits.**

May be repeated for credit if on a different topic. Advanced study on a selected topic in jazz. Topics will vary and may address a particular genre, composer, performance practice, compositional issue, or repertoire.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 364. UNC Summer Jazz Workshop. 3 Credits.**

Lectures on theory and improvisation, small ensemble coaching, and instrument-specific master classes in a classroom/lecture format. Intensive listening component through required attendance at four evening concerts. Final public student concert for a community audience. Can be repeated for credit.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**MUSC 381. Inside the Song: Analysis of Songcraft. 3 Credits.**

Explore the form, structure, and narrative in American popular song during the era of recorded sound. Students will analyze the elements of different songs – melody, lyrics, harmony, musical arrangement, form, and structure. Students will write songs using different models and forms. Familiarity with basic chords and melodies expected.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**MUSC 390H. Honors Seminar in Music. 3 Credits.**

Detailed investigation of a specific musical topic from historical and/or theoretical perspectives.

**Gen Ed:** VP, CI.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**MUSC 390. Seminar in Music. 3 Credits.**

Detailed investigation of a specific musical topic from historical and/or theoretical perspectives.

**Gen Ed:** VP, CI.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****MUSC 471. Instrumental Performance Repertory. 3 Credits.**

Advanced study of selected performance issues.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MUSC 493. Music Internship. 3 Credits.**

Permission of the director of undergraduate studies. Internship directly related to the study, practice, or the business of music. Students must complete at least 100 hours and submit a journal and report upon completion of the internship.

**Gen Ed:** EE- Performing Arts.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**MUSC 676. Digital Media and Live Performance. 3 Credits.**

Permission of the instructor for undergraduates. Intended for students from various majors, this course provides a foundation in the history, theory, and practice of developing live, technologically-intensive, multimedia performance works. The course analyzes new media masterworks, addresses techniques of interdisciplinary collaboration, and offers workshops in specific software/technology applications.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** COMM 676.

**MUSC 691H. Senior Honors Thesis in Music I. 3 Credits.**

Admission by permission of the honors advisor. Independent study by a student who has been designated a candidate for undergraduate honors in music.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**MUSC 692H. Senior Honors Thesis in Music II. 3 Credits.**

Continuance and completion of an honors thesis in music.

**Requisites:** Prerequisites, MUSC 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Music Major, B.A.

### Contact Information

**Department of Music**

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The Department of Music provides many opportunities to students who wish to study music within a strong liberal arts curriculum. We foster creative endeavor and critical inquiry through courses, ensembles, and lessons on instruments or voice that explore music from a variety of perspectives.

The B.A. requires at least 33 credit hours in music and at least 75 outside the major, with 120 total credit hours in the degree. Given the ample opportunity to explore the breadth of the University's course offerings, many B.A. candidates seek minors in other fields or take on a second major.

## Department Programs

### Majors

- Music Major, B.A. (p. 684)
- Music Major, Bachelor of Music (B.Mus.) (p. 688)

### Minor

- Music Minor (p. 693)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)

## Student Learning Outcomes

Upon completion of the music program (B.A.), students should be able to:

- Acquire sufficient technical capabilities to be able to perform expressively — on an instrument or the voice — appropriate repertoire for the area in which they are studying
- Show proficiency in the materials and language of music for purposes of analysis and evaluation
- Be aware of the connection between general culture and history and the musical works that come from composers of particular times and places
- Demonstrate the ability to perform successfully in individual, small-, and large-ensemble performance and have a working familiarity with repertoire for solo or ensemble performance

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Foundations (three hours):		
MUSC 120	Foundations in Music	3
Music theory (six hours):		
MUSC 131	Theory I (requires a grade of C or better) <sup>H</sup>	3
MUSC 132	Theory II <sup>H</sup>	3
Music history (six hours):		
MUSC 254	Studies in Music History I, Antiquity to 1750	3
MUSC 255	Studies in Music History II, 1750 to the Present	3
Capstone seminar (three hours), one of:		
MUSC 233	Studies in Performance Practices	
MUSC 234	World Musics in Theory and Practice	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music <sup>H</sup>	
MUSC 363	Studies in Jazz	
Musicianship (two hours)		
MUSC 130	Musicianship Skills I (1 credit hour)	2
One additional course chosen from the list below (1 credit hour)		
Ensemble performance (four hours) chosen from:		
MUSC 211	Ensemble I	4
or MUSC 212 Ensemble II		
<b>Additional Requirements</b>		
Global music requirement (at least one hour): Within the required courses, ensembles, or electives, students must take at least one of the ensembles or courses that engage primarily with repertoires or concepts outside the tradition of Western art music, chosen from the list below		
Music electives (nine hours) chosen from MUSC courses: No more than three additional hours of ensembles beyond the B.A. requirement (four hours) may count for music or general elective credit.		
Total Hours		33

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



Music (MUSC) course descriptions (p. 675).

## Musicianship

Code	Title	Hours
MUSC 100	Individual Keyboard Lessons	0.5-1
MUSC 102	Individual Voice Lessons	0.5-1
MUSC 103	Individual String Lessons	0.5-1
MUSC 104	Individual Woodwind Lessons	0.5-1
MUSC 105	Individual Brass Lessons	0.5-1
MUSC 106	Individual Percussion Lessons	0.5-1
MUSC 107	Applied Instruction	0.5-1
MUSC 111	Group Lessons in Voice	1
MUSC 112	Group Lessons in Strings	1
MUSC 113	Group Lessons in Woodwinds	1
MUSC 114	Group Lessons in Brass	1
MUSC 115	Group Lessons in Percussion	1
MUSC 133	Musicianship Skills II	1
MUSC 136	Keyboard Skills I	1
MUSC 166	Introduction to Composition	3
MUSC 168	Basic Conducting	3
MUSC 200	Advanced Individual Lessons in Keyboard <sup>H</sup>	2
MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	2
MUSC 203	Advanced Individual Lessons in Strings <sup>H</sup>	2
MUSC 204	Advanced Individual Lessons in Woodwinds <sup>H</sup>	2
MUSC 205	Advanced Individual Lessons in Brass <sup>H</sup>	2
MUSC 206	Advanced Individual Lessons in Percussion <sup>H</sup>	2
MUSC 207	Advanced Applied Instruction	2
MUSC 230	Musicianship Skills III	1
MUSC 236	Keyboard Skills II	1

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Global Music Requirement

Code	Title	Hours
MUSC 146	Introduction to World Musics	3
MUSC 147	Introduction to the Music of the Americas	3
MUSC 148	Introduction to Black Music	3
MUSC 164	Music of South Asia	3
MUSC 212	Ensemble II (in an appropriate ensemble: Bluegrass Band, Charanga Carolina, Gamelan, Global Rhythms)	1
MUSC 234	World Musics in Theory and Practice	3
MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
MUSC 245	Dance in Indonesia	3
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	3
MUSC 291	Music and Politics	3
MUSC 292	Media and Social Change in Africa	3

or any other appropriate departmental course or ensemble (including MUSC 286, MUSC 355) approved by the director of undergraduate studies.

Students may receive no more than 45 credit hours in music and must complete a minimum of 75 hours of coursework outside music, including all General Education requirements.

## Optional Pathways within the Bachelor of Arts in Music Degree

Students working toward the bachelor of arts degree have the option to pursue one or more pathways in their musical studies. These pathways identify recommended course selections for students who have interests in one or more areas. We suggest nine credit hours of study; students are free to take additional credits. Some of these courses also satisfy core requirements. Please note that enrollment in individual lessons (MUSC 100–MUSC 107 and MUSC 200–MUSC 207) requires an audition.

### Composition

Code	Title	Hours
MUSC 166	Introduction to Composition	3
MUSC 266	Composition	3
Plus three hours from:		3
MUSC 239	Introduction to Music Technology	
MUSC 266	Composition (repeated)	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 338	Analysis of Music since 1900	

### Ethnomusicology

Code	Title	Hours
MUSC 234	World Musics in Theory and Practice	3
Plus three hours from:		3
MUSC 146	Introduction to World Musics	
MUSC 147	Introduction to the Music of the Americas	
MUSC 148	Introduction to Black Music	
MUSC 164	Music of South Asia	
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	
MUSC 269	Music in the Community	
MUSC 286	Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	
Plus three hours from:		3
MUSC 107	Applied Instruction	
MUSC 207	Advanced Applied Instruction (in appropriate repertoire)	
MUSC 212	Ensemble II (in an appropriate ensemble, including Bluegrass Band, Charanga Carolina, Gamelan, Global Rhythms)	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Instrumental Performance

Code	Title	Hours
Three hours from:		3
MUSC 103	Individual String Lessons	
MUSC 104	Individual Woodwind Lessons	
MUSC 105	Individual Brass Lessons	
MUSC 106	Individual Percussion Lessons	

MUSC 107	Applied Instruction	
MUSC 203	Advanced Individual Lessons in Strings <sup>H</sup>	
MUSC 204	Advanced Individual Lessons in Woodwinds <sup>H</sup>	
MUSC 205	Advanced Individual Lessons in Brass <sup>H</sup>	
MUSC 206	Advanced Individual Lessons in Percussion <sup>H</sup>	
MUSC 207	Advanced Applied Instruction	
Plus three hours from:		3
MUSC 100	Individual Keyboard Lessons	
MUSC 130	Musicianship Skills I	
MUSC 133	Musicianship Skills II	
MUSC 136	Keyboard Skills I	
MUSC 200	Advanced Individual Lessons in Keyboard <sup>H</sup>	
MUSC 236	Keyboard Skills II	
MUSC 303	Advanced String Lessons and Recital <sup>H</sup>	
MUSC 304	Advanced Woodwind Lessons and Recital <sup>H</sup>	
MUSC 305	Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 306	Advanced Percussion Lessons and Recital <sup>H</sup>	
Plus three hours from:		3
MUSC 163	Jazz Improvisation I	
MUSC 166	Introduction to Composition	
MUSC 168	Basic Conducting	
MUSC 211	Ensemble I (in an appropriate ensemble)	
MUSC 212	Ensemble II (in an appropriate ensemble)	
MUSC 213	Ensemble III (in an appropriate ensemble)	
MUSC 233	Studies in Performance Practices	
MUSC 269	Music in the Community	
MUSC 286	Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 331	Musical Form and Analysis	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Jazz Studies

Code	Title	Hours
MUSC 135	Jazz Theory	3
Plus six hours from:		6
MUSC 145	Introduction to Jazz	
MUSC 163	Jazz Improvisation I	
MUSC 211	Ensemble I (up to three hours in an appropriate ensemble)	
MUSC 212	Ensemble II (up to three hours in an appropriate ensemble)	
MUSC 213	Ensemble III (up to three hours in an appropriate ensemble)	
MUSC 263	Jazz Improvisation II	
MUSC 265	Jazz Composition and Arranging	
MUSC 280	Jazz Innovators	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	
MUSC 363	Studies in Jazz	

MUSC 364 UNC Summer Jazz Workshop

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Music History

Code	Title	Hours
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	3
Plus six hours from:		6
MUSC 233	Studies in Performance Practices	
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	
MUSC 291	Music and Politics	
MUSC 331	Musical Form and Analysis	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music (repeated; in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Music Theory

Code	Title	Hours
MUSC 232	Theory III <sup>H</sup>	3
Plus six hours taken from:		6
MUSC 166	Introduction to Composition	
MUSC 239	Introduction to Music Technology	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Musicology

Code	Title	Hours
MUSC 355	History and Culture of Music <sup>H</sup>	3
Plus three hours from:		3
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
Plus three hours from:		3
MUSC 234	World Musics in Theory and Practice	
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	
MUSC 355	History and Culture of Music (repeated) <sup>H</sup>	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Piano Performance

Code	Title	Hours
Three hours from:		3
MUSC 100	Individual Keyboard Lessons	
MUSC 200	Advanced Individual Lessons in Keyboard <sup>H</sup>	
Plus six hours from:		6
MUSC 100	Individual Keyboard Lessons (repeated)	
MUSC 200	Advanced Individual Lessons in Keyboard (repeated) <sup>H</sup>	
MUSC 223	Piano Literature	
MUSC 224	Piano Pedagogy	
MUSC 233	Studies in Performance Practices	
MUSC 300	Advanced Keyboard Lessons and Recital <sup>H</sup>	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Popular Music

Code	Title	Hours
Six hours from:		6
MUSC 143	Introduction to Rock Music	
MUSC 144	Introduction to Country Music	
MUSC 148	Introduction to Black Music	
MUSC 155	The Art and Culture of the DJ	
MUSC 156	Beat Making Lab	
MUSC 157	Rap Lab	
MUSC 158	Rock Lab	
MUSC 281	Popular Song in American Culture	
MUSC 333	Analysis of Popular Music	
Plus three hours from any additional course listed in this category or from:		3
MUSC 145	Introduction to Jazz	
MUSC 147	Introduction to the Music of the Americas	
MUSC 239	Introduction to Music Technology	
MUSC 280	Jazz Innovators	
MUSC 286	Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Classical Voice Performance

Code	Title	Hours
Two hours of:		
MUSC 202	Advanced Individual Lessons in Voice (in two semesters in an appropriate ensemble) <sup>H</sup>	2
MUSC 211	Ensemble I (in two semesters in an appropriate ensemble)	2
Plus five hours from:		5

MUSC 123	Diction for Singers I (English/Italian)
MUSC 124	Diction for Singers II (French)
MUSC 125	Diction for Singers III (German)
MUSC 168	Basic Conducting
MUSC 202	Advanced Individual Lessons in Voice (repeated) <sup>H</sup>
MUSC 211	Ensemble I (in an appropriate ensemble; up to three hours)
MUSC 212	Ensemble II (in an appropriate ensemble; up to three hours)
MUSC 225	Vocal Pedagogy
MUSC 233	Studies in Performance Practices
MUSC 302	Advanced Voice Lessons and Recital <sup>H</sup>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities

### Honors in Music

Students interested in becoming candidates for a degree with honors in music should read the regulations governing departmental honors in the College of Arts and Sciences, found in the General Education Curriculum and Degree Requirements (p. 27) section of this catalog (click on the Degrees and Honors tab), and should consult the honors advisor of the department toward the end of the sophomore year.

### Study Abroad

The department actively encourages students to participate in study abroad programs to pursue their musical and other interests in an international context. The department maintains a strong relationship with institutions in Hong Kong, London, and Vienna, and can facilitate connections with programs around the world.

## Music Major, Bachelor of Music (B.Mus.)

### Contact Information

#### Department of Music

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The Bachelor of Music program is designed for those seeking a degree that offers a more extensive component in performance, history, ethnomusicology, theory, composition, or music education. Students must complete 63 credit hours in music and at least 54 credit hours outside the major.

## Department Programs

### Majors

- Music Major, B.A. (p. 684)
- Music Major, Bachelor of Music (B.Mus.) (p. 688)

### Minor

- Music Minor (p. 693)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)

## Student Learning Outcomes

Upon completion of the music program (B.Mus.), students should be able to:

- Acquire sufficient technical capabilities to be able to perform expressively — on an instrument or the voice — appropriate repertoire for the area in which they are studying
- Show proficiency in the materials and language of music for purposes of analysis and evaluation
- Be aware of the connection between general culture and history and the musical works that come from composers of particular times and places
- Demonstrate the ability to perform successfully in individual, small-, and large-ensemble performance and have a working familiarity with repertoire for solo or ensemble performance

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Foundations (three hours):		
MUSC 120	Foundations in Music	3
Musicianship (three hours):		
MUSC 130	Musicianship Skills I	1
MUSC 133	Musicianship Skills II	1
MUSC 230	Musicianship Skills III	1
Music theory (nine hours):		
MUSC 131	Theory I (requires a grade of C or better) <sup>H</sup>	3
MUSC 132	Theory II (requires a grade of C or better) <sup>H</sup>	3
MUSC 232	Theory III <sup>H</sup>	3
Music History (six hours):		
MUSC 254	Studies in Music History I, Antiquity to 1750	3
MUSC 255	Studies in Music History II, 1750 to the Present	3
Capstone seminar (three hours), one of:		
MUSC 233	Studies in Performance Practices	
MUSC 234	World Musics in Theory and Practice	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music <sup>H</sup>	
MUSC 363	Studies in Jazz	
Individual Lessons (14 hours): chosen from MUSC 200–MUSC 207 taken over seven semesters (or the equivalent for students whose primary focus is composition; see below). <sup>1</sup>		14
Ensemble performance (eight hours) chosen from:		8
MUSC 211	Ensemble I (at least five hours)	
MUSC 212	Ensemble II	
Keyboard skills (two hours) chosen from:		2
MUSC 100	Individual Keyboard Lessons	
MUSC 136	Keyboard Skills I	
MUSC 200	Advanced Individual Lessons in Keyboard (with the approval of the director of undergraduate studies) <sup>H</sup>	
MUSC 236	Keyboard Skills II	
<b>Additional Requirements</b>		
Global music requirement (at least one hour): Within the required courses, ensembles, or electives, students must take at least one of the ensembles or courses that engage primarily with repertoires or concepts outside the tradition of Western art music, chosen from "Global Music Requirement" below.		
Music electives (15 hours) chosen from MUSC courses: No more than six additional hours of ensembles beyond the B.Mus. requirement (eight hours) may count for music or general elective credit.		15
<b>Total Hours</b>		<b>63</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may petition the director of undergraduate studies to count toward this requirement no more than two hours of MUSC 100–MUSC 107. Two of these 14 hours may be substituted by three of MUSC 300–MUSC 306. Students wishing to take an eighth semester of individual lessons may use an additional two hours of MUSC 200–MUSC 207 or three of MUSC 300–MUSC 306 for elective credit. In any case, MUSC 300–MUSC 306 may only be taken twice within the program.

Students pursuing the B.Mus. must complete at least 63 credit hours in music, which is combined with an additional 57 credit hours for a total of 120 credit hours. Students may receive no more than 66 credit hours in music and must complete a minimum of 54 credit hours of coursework outside music, including all General Education requirements.

Students who wish to gain certification to teach music in public schools may take a prescribed course of study as part of the bachelor of music degree and apply to the music education licensure program offered through the School of Education. Admission to the music education licensure program requires a separate application to the School of Education (usually submitted during the spring of the first year), and candidates must meet North Carolina Department of Public Instruction licensure standards and be able to complete the course of study prior to spring of their senior year. Students who complete the program are eligible for North Carolina initial-level licensure.

## Global Music Requirement

Code	Title	Hours
MUSC 146	Introduction to World Musics	3
MUSC 147	Introduction to the Music of the Americas	3
MUSC 148	Introduction to Black Music	3
MUSC 164	Music of South Asia	3
MUSC 212	Ensemble II (in an appropriate ensemble: Bluegrass Band, Charanga Carolina, Gamelan, Global Rhythms)	1
MUSC 234	World Musics in Theory and Practice	3
MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
MUSC 245	Dance in Indonesia	3
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	3
MUSC 291	Music and Politics	3
MUSC 292	Media and Social Change in Africa	3

or any other appropriate departmental course or ensemble (including MUSC 286, 355) approved by the director of undergraduate studies.

## Optional Pathways within the Bachelor of Music Degree

Students working toward the bachelor of music degree have the option to pursue one or more pathways in their musical studies. These pathways identify recommended course selections for students who have interests in one or more areas. We suggest 12 credit hours of study; students are free to take additional credits. Some of these courses also satisfy core requirements. Please note that enrollment in individual lessons (MUSC 100–MUSC 107 and MUSC 200–MUSC 207) requires an audition.

### Composition

Code	Title	Hours
MUSC 307	Advanced Composition/Recital	3
Plus nine hours taken from:		9
MUSC 239	Introduction to Music Technology	

MUSC 266	Composition (repeated)
MUSC 331	Musical Form and Analysis
MUSC 332	Counterpoint
MUSC 338	Analysis of Music since 1900
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Ethnomusicology

Code	Title	Hours
MUSC 234	World Musics in Theory and Practice	3
Plus six hours from:		6
MUSC 146	Introduction to World Musics	
MUSC 147	Introduction to the Music of the Americas	
MUSC 148	Introduction to Black Music	
MUSC 164	Music of South Asia	
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	
MUSC 269	Music in the Community	
MUSC 286	Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	
Plus three hours from:		3
MUSC 107	Applied Instruction	
MUSC 207	Advanced Applied Instruction (in appropriate repertoire)	
MUSC 212	Ensemble II (in an appropriate ensemble, including Bluegrass Band, Charanga Carolina, Gamelan, Global Rhythms)	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Instrumental Performance

Code	Title	Hours
Three hours from:		3
MUSC 303	Advanced String Lessons and Recital <sup>H</sup>	
MUSC 304	Advanced Woodwind Lessons and Recital <sup>H</sup>	
MUSC 305	Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 306	Advanced Percussion Lessons and Recital <sup>H</sup>	
Plus three hours of individual lessons on a second instrument:		3
MUSC 100	Individual Keyboard Lessons	
MUSC 102	Individual Voice Lessons	
MUSC 103	Individual String Lessons	
MUSC 104	Individual Woodwind Lessons	
MUSC 105	Individual Brass Lessons	
MUSC 106	Individual Percussion Lessons	
MUSC 107	Applied Instruction	
MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	
MUSC 203	Advanced Individual Lessons in Strings <sup>H</sup>	
MUSC 204	Advanced Individual Lessons in Woodwinds <sup>H</sup>	
MUSC 205	Advanced Individual Lessons in Brass <sup>H</sup>	



MUSC 206	Advanced Individual Lessons in Percussion <sup>H</sup>	
MUSC 207	Advanced Applied Instruction	
Or an additional semester of:		
MUSC 303	Advanced String Lessons and Recital <sup>H</sup>	
MUSC 304	Advanced Woodwind Lessons and Recital <sup>H</sup>	
MUSC 305	Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 305	Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 306	Advanced Percussion Lessons and Recital <sup>H</sup>	
Plus six hours from:		6
MUSC 163	Jazz Improvisation I	
MUSC 166	Introduction to Composition	
MUSC 168	Basic Conducting	
MUSC 211	Ensemble I (in an appropriate ensemble)	
MUSC 212	Ensemble II (in an appropriate ensemble)	
MUSC 213	Ensemble III (in an appropriate ensemble)	
MUSC 233	Studies in Performance Practices	
MUSC 269	Music in the Community	
MUSC 286	Music as Culture <sup>H</sup>	
MUSC 331	Musical Form and Analysis	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Jazz Studies

Code	Title	Hours
MUSC 135	Jazz Theory	3
MUSC 163	Jazz Improvisation I	3
Plus six hours from:		6
MUSC 145	Introduction to Jazz	
MUSC 211	Ensemble I (up to three hours in an appropriate ensemble)	
MUSC 212	Ensemble II (up to three hours in an appropriate ensemble)	
MUSC 213	Ensemble III (up to three hours in an appropriate ensemble)	
MUSC 263	Jazz Improvisation II	
MUSC 265	Jazz Composition and Arranging	
MUSC 280	Jazz Innovators	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	
MUSC 363	Studies in Jazz	
MUSC 364	UNC Summer Jazz Workshop	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Music Education

Code	Title	Hours
MUSC 168	Basic Conducting	3
MUSC 226	Woodwinds, Brass, Percussion, and Strings Techniques	3

MUSC 227	Keyboard, Vocal, and Elementary Music Techniques	3
MUSC 228	Principles of Teaching Music	3

### Music History

Code	Title	Hours
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	3
Plus nine hours taken from:		9
MUSC 233	Studies in Performance Practices	
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	
MUSC 291	Music and Politics	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music (repeated; in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Music Theory

Code	Title	Hours
Twelve hours taken from:		12
MUSC 166	Introduction to Composition	
MUSC 239	Introduction to Music Technology	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Musicology

Code	Title	Hours
MUSC 355	History and Culture of Music <sup>H</sup>	3
Plus three hours taken from:		3
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	History and Culture of Music (repeated) <sup>H</sup>	
Plus three hours taken from:		3
MUSC 234	World Musics in Theory and Practice	
MUSC 258	Musical Movements: Migration, Exile, and Diaspora	
Plus three hours from any additional course listed in this category or from:		3
MUSC 233	Studies in Performance Practices	
MUSC 263	Jazz Improvisation II	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Piano Performance

Code	Title	Hours
Three hours of:		
MUSC 300	Advanced Keyboard Lessons and Recital <sup>H</sup>	3
Plus nine hours from:		
MUSC 100	Individual Keyboard Lessons (up to three hours on organ or harpsichord)	
MUSC 163	Jazz Improvisation I	
MUSC 168	Basic Conducting	
MUSC 223	Piano Literature	
MUSC 224	Piano Pedagogy	
MUSC 233	Studies in Performance Practices	
MUSC 300	Advanced Keyboard Lessons and Recital (repeated) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Popular Music

Code	Title	Hours
Six hours taken from:		
MUSC 143	Introduction to Rock Music	
MUSC 144	Introduction to Country Music	
MUSC 148	Introduction to Black Music	
MUSC 155	The Art and Culture of the DJ	
MUSC 156	Beat Making Lab	
MUSC 157	Rap Lab	
MUSC 158	Rock Lab	
MUSC 281	Popular Song in American Culture	
MUSC 333	Analysis of Popular Music	
Plus six hours from any additional courses listed in this category or from:		
MUSC 145	Introduction to Jazz	
MUSC 147	Introduction to the Music of the Americas	
MUSC 239	Introduction to Music Technology	
MUSC 280	Jazz Innovators	
MUSC 286	Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Classical Voice Performance

Code	Title	Hours
MUSC 123	Diction for Singers I (English/Italian)	1
MUSC 124	Diction for Singers II (French)	1
MUSC 125	Diction for Singers III (German)	1
MUSC 302	Advanced Voice Lessons and Recital <sup>H</sup>	3
Plus six hours from:		

MUSC 168	Basic Conducting
MUSC 225	Vocal Pedagogy
MUSC 233	Studies in Performance Practices
MUSC 248	Women in Opera
MUSC 302	Advanced Voice Lessons and Recital (repeated) <sup>H</sup>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MUSC 120	Foundations in Music	3
MUSC 136	Keyboard Skills I	1
MUSC 20x	Individual Lessons	2
MUSC 211	Ensemble I	1
Hours		7
<b>Spring Semester</b>		
MUSC 131 & MUSC 130	Theory I and Musicianship Skills I <sup>H</sup>	4
MUSC 236	Keyboard Skills II	1
MUSC 20x	Individual Lessons	2
MUSC 211	Ensemble I	1
Hours		8
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
MUSC 132 & MUSC 133	Theory II and Musicianship Skills II <sup>H</sup>	4
MUSC 254	Studies in Music History I, Antiquity to 1750	3
MUSC 20x	Individual Lessons	2
MUSC 211	Ensemble I	1
Hours		10
<b>Spring Semester</b>		
MUSC 232 & MUSC 230	Theory III and Musicianship Skills III <sup>H</sup>	4
MUSC 255	Studies in Music History II, 1750 to the Present	3
MUSC 20x	Individual Lessons	2
MUSC 211	Ensemble I	1
Hours		10
<b>Junior Year</b>		
<b>Fall Semester</b>		
MUSC —	Capstone Seminar	3
MUSC 20x	Individual Lessons	2

MUSC 211	Ensemble I	1
MUSC ---	Music Elective	3
Hours		9
<b>Spring Semester</b>		
MUSC 20x	Individual Lessons	2
MUSC 211	Ensemble I	1
or	or Ensemble II	
MUSC 212		
MUSC ---	Music Elective Global	3
Hours		6
<b>Senior Year</b>		
<b>Fall Semester</b>		
MUSC 20x	Individual Lessons	2
MUSC 211	Ensemble I	1
or	or Ensemble II	
MUSC 212		
MUSC ---	Music Elective	3
Hours		6
<b>Spring Semester</b>		
MUSC 30x	Individual Lessons with Recital	3
MUSC 211	Ensemble I	1
or	or Ensemble II	
MUSC 212		
MUSC ---	Music Elective	3
Hours		7
Total Hours		63

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities

### Honors in Music

Students interested in becoming candidates for a degree with honors in music should read the regulations governing departmental honors in the College of Arts and Sciences, found in the General Education Curriculum and Degree Requirements (p. 27) section of this catalog (click on the Degrees and Honors tab), and should consult the honors advisor of the department toward the end of the sophomore year.

### Study Abroad

The department actively encourages students to participate in study abroad programs to pursue their musical and other interests in an international context. The department maintains a strong relationship with institutions in Hong Kong, London, and Vienna, and can facilitate connections with programs around the world.

## Music Minor

### Contact Information

#### Department of Music

Visit Program Website (<http://music.unc.edu>)  
Hill Hall, CB# 3320  
(919) 962-1039

Allen Anderson, Chair

[anderso7@email.unc.edu](mailto:anderso7@email.unc.edu)

#### Brent Wissick, Associate Chair for Performance, Composition, and Music Education

[bswissic@email.unc.edu](mailto:bswissic@email.unc.edu)

#### Jocelyn Neal, Associate Chair for Academic Studies

[jneal@email.unc.edu](mailto:jneal@email.unc.edu)

#### Tonu Kalam, Director of Undergraduate Studies

[kalam@email.unc.edu](mailto:kalam@email.unc.edu)

#### Evan Feldman, Co-Chair, Undergraduate Admission and Scholarships Committee

[evanfeldman@unc.edu](mailto:evanfeldman@unc.edu)

#### James Ketch, Co-Chair, Undergraduate Admission and Scholarships Committee

[jketch@email.unc.edu](mailto:jketch@email.unc.edu)

#### Angeline Warren, Registrar

[awarren@email.unc.edu](mailto:awarren@email.unc.edu)

The Department of Music provides many opportunities to students who wish to study music within a strong liberal arts curriculum. We foster creative endeavor and critical inquiry through courses, ensembles, and lessons on instruments or voice that explore music from a variety of perspectives.

## Department Programs

### Majors

- Music Major, B.A. (p. 684)
- Music Major, Bachelor of Music (B.Mus.) (p. 688)

### Minor

- Music Minor (p. 693)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in music requires 15 hours as follows:

Code	Title	Hours
<b>Core Requirements</b>		
MUSC 120	Foundations in Music (three hours)	3
One of:		3
MUSC 121	Fundamentals of Music I	

MUSC 131	Theory I <sup>H</sup>	
MUSC 141	Survey of Western Music History	
MUSC 142	Great Musical Works	
MUSC 143	Introduction to Rock Music	
MUSC 144	Introduction to Country Music	
MUSC 145	Introduction to Jazz	
MUSC 146	Introduction to World Musics	
MUSC 147	Introduction to the Music of the Americas	
MUSC 148	Introduction to Black Music	
MUSC 155	The Art and Culture of the DJ	
MUSC 156	Beat Making Lab	
MUSC 157	Rap Lab	
MUSC 158	Rock Lab	
MUSC 188	Introduction to Women and Music (three hours)	
One of:		3
MUSC 223	Piano Literature	
MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	
MUSC 248	Women in Opera	
MUSC 251	Studies in Medieval and Early Modern Music	
MUSC 280	Jazz Innovators	
MUSC 281	Popular Song in American Culture	
MUSC 282	Bach and Handel	
MUSC 283	Haydn and Mozart	
MUSC 284	Beethoven and His Era	
MUSC 285	Musical Modernism	
MUSC 286	Music as Culture <sup>H</sup>	
MUSC 287	Opera as Drama <sup>H</sup>	
MUSC 288	The Orchestra and Its Music	
MUSC 289	Sounds of War and Revolution	
MUSC 291	Music and Politics	
MUSC 292	Media and Social Change in Africa	
MUSC 294	Bluegrass Music, Culture, and History	
MUSC 363	Studies in Jazz	
MUSC 390H	Honors Seminar in Music (three hours)	
The remaining six hours are to be taken from other MUSC courses (which may include lessons or ensembles) subject to prerequisites and other admissions requirements.		6
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Music (MUSC) course descriptions (p. 675).

See the program page here (p. 688) for special opportunities.

# DEPARTMENT OF NAVAL SCIENCE

## Contact Information

### Department of Naval Science

Visit Program Website (<http://www.unc.edu/depts/nrotc>)  
Naval Armory, 221 South Columbia Street, CB# 3325  
(919) 843-9279

### Marc Stern, Chair

### Lieutenant David Heider, Director of Undergraduate Studies

[djheider@live.unc.edu](mailto:djheider@live.unc.edu)

## Introduction

The purpose of the NROTC is to provide a source of highly qualified officers to serve on United States Navy ships, submarines, and aircraft, or in the United States Marine Corps. Students (midshipmen) who obtain a baccalaureate degree and who satisfy academic and physical requirements are commissioned as either ensigns in the Navy or second lieutenants in the Marine Corps. Students may participate in NROTC in one of two programs: the NROTC Scholarship Program or the NROTC College Program. NROTC scholarships provide tuition, books, fees, uniforms, and a monthly allowance of \$250 to \$400. Students participating in the college program receive their NROTC books, uniforms, and a monthly allowance of \$350 to \$400 during their junior and senior years. A major advantage of the college program is the excellent opportunity it offers to win two- and three-year NROTC scholarships.

Regardless of enrollment category, many features are common to both programs:

- Naval science courses carry academic credit.
- All students are welcome to join the program and “test the waters” without immediately incurring a military obligation.
- All midshipmen who successfully complete the program and graduation requirements receive commissions as officers in the Navy or Marine Corps.
- Applicants are considered without regard to race, sex, creed, or religion.

## Midshipman Life

We are dedicated to ensuring that each midshipman leads a full and productive University life. Midshipmen are encouraged to participate on University athletic teams as well as in campus politics, fraternities, sororities, intramurals, and other organizations. Additionally, midshipmen are provided an outstanding opportunity to examine and experience many alternative career paths, social events, and experiences through field trips, summer cruises, and the midshipman military organization.

## NROTC Program

Courses offered by the Department of Naval Science, in conjunction with courses offered in the Curriculum in Peace, War, and Defense, are designed to equip an individual with the necessary tools to succeed as an officer in the naval service.

Information about applications and admissions in the UNC–Chapel Hill Naval ROTC may be obtained by visiting the Naval Armory on campus; by

addressing an inquiry to Professor of Naval Science, CB# 3325, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-3325; by calling (919) 962-1198; or by e-mail at [NROTC@unc.edu](mailto:NROTC@unc.edu).

## Advising

All students pursuing minors have an academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor. Departmental academic advising appointments can be made through their respective NROTC instructor or by contacting the department’s director of undergraduate studies, Lieutenant Joshua Roaf (see contact information above). Further information on courses and careers may be obtained from the department’s Web site.

### Minor

- Naval Science Minor (p. 696)

## Professor

Marc Stern, Captain, USN

## Associate Professor

Joseph Steinfelds, Major, USMC

## Instructors

Michael McKenna, Lieutenant, USN (Submarine Warfare)

David Heider, Lieutenant, USN (Air Warfare)

## NAVS–Naval Science Undergraduate-level Courses

### NAVS 101. Introduction to Naval Science. 1 Credit.

Fundamental orientation to the Naval service emphasizing the mission, organization, regulations, customs and traditions, broad warfare components, and major challenges facing Navy/Marine Corps officers.

**Grading status:** Letter grade.

### NAVS 190. Seminar in Topics of Naval Science. 1-12 Credits.

Permission of the department. Seminar of topics regarding the United States Navy.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

### NAVS 196. Independent Study in Naval Science. 1-12 Credits.

Permission of the department. Readings and research by an individual student on a subject related to the United States Navy.

**Grading status:** Letter grade.

### NAVS 201. Naval Leadership and Management. 3 Credits.

A study of organizational principles, management theory, and leadership styles, with emphasis on applications in the Navy and Department of Defense.

**Grading status:** Letter grade.



**NAVS 202. Navigation. 3 Credits.**

A comprehensive study of the theory, principles, and procedures of ship navigation, movements, and employment. Course includes spherical trigonometry, mathematics, analysis, study and practices of navigation, sextants, navigation publications, and report logs. Covers rules of the road, lights, signals, navigational aids, and electronic and mechanical positioning devices.

**Requisites:** Corequisite, NAVS 202L.

**Grading status:** Letter grade.

**NAVS 202L. Navigation Laboratory. 1 Credit.**

Practical application of the theories and principles of navigation as presented in the lecture series.

**Requisites:** Corequisite, NAVS 202.

**Grading status:** Letter grade.

**NAVS 211. Marine Option Naval Science Laboratory. 0 Credits.**

One laboratory hour per week designed to introduce topics and activities relevant to the professional development of the prospective Marine Corps officer. Required for Marine Option 2/C.

**Grading status:** Letter grade.

**NAVS 301. Naval Ships Engineering Systems. 3 Credits.**

An introductory course and survey of ship design, characteristics, propulsion (including nuclear power) and control systems, and the principles of ship stability.

**Grading status:** Letter grade.

**NAVS 302. Naval Weapons Systems. 3 Credits.**

A descriptive survey course in engineering aspects of ships' weapons guidance, control, and propulsion systems and characteristics of ships' weapons systems.

**Grading status:** Letter grade.

**NAVS 311. Evolution of Warfare. 3 Credits.**

Survey of the evolution of warfare through the study of selected campaigns and classic battles, with special emphasis on the principles of war, the military impact of leadership, and the evolution of tactics and weaponry.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****NAVS 401. Naval Operations. 4 Credits.**

A study of the maneuvering of ships in formation, and the operations in which naval vessels engage daily.

**Grading status:** Letter grade.

**NAVS 402. Naval Leadership and Ethics. 3 Credits.**

Capstone leadership course in NROTC curriculum, emphasizing leadership skills and their ethical implications for the competent commissioned officer in areas of human resources and material management.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**NAVS 411. Amphibious Warfare. 3 Credits.**

A survey of the projection of sea power ashore, with special emphasis on the evolution of amphibious warfare in the 20th century, through the study of historical amphibious landings and campaigns.

**Grading status:** Letter grade.

**NAVS 500. Naval Science Laboratory. 0 Credits.**

Required of all NROTC students. Meets once a week to provide supplemental military training, including close order drill, physical fitness, inspections, guest lectures, and leadership training.

**Repeat rules:** May be repeated for credit. 0 total credits. 8 total completions.

**Grading status:** Letter grade.

## Naval Science Minor

### Contact Information

**Department of Naval Science**

Visit Program Website (<http://www.unc.edu/depts/nrotc>)

Naval Armory, 221 South Columbia Street, CB# 3325

(919) 843-9279

**Marc Stern, Chair****Lieutenant David Heider, Director of Undergraduate Studies**

[djheider@live.unc.edu](mailto:djheider@live.unc.edu)

The minor in naval science equips graduates with hands-on experience from all facets of the Navy and Marine Corps team. Together, alongside NROTC midshipmen, students will understand the core principles of each service, master nautical skills in navigation, weapons, and engineering, and build leadership and followership skills. The minor in naval science is open to all UNC–Chapel Hill undergraduate students.

**Minor Requirements**

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
The minor includes 14 hours of coursework selected from among the following courses:		14
NAVS 101	Introduction to Naval Science	
NAVS 201	Naval Leadership and Management	
NAVS 202	Navigation	
NAVS 202L	Navigation Laboratory	
NAVS 301	Naval Ships Engineering Systems	
NAVS 302	Naval Weapons Systems	
NAVS 311	Evolution of Warfare	
NAVS 401	Naval Operations	
NAVS 402	Naval Leadership and Ethics	
NAVS 411	Amphibious Warfare	
HIST/PWAD 212	History of Sea Power	
PHIL/POLI/PWAD 272	The Ethics of Peace, War, and Defense	

Total Hours

14

Students must complete a minimum of 12 hours of coursework with a grade of C or better.

## Scholarship Requirements

Navy and Marine National Scholarship students must complete the following requirements:

Code	Title	Hours
<b>Two English courses from the following options:</b>		6
ENGL 100	Basic Writing	
ENGL 105	English Composition and Rhetoric	
ENGL 123	Introduction to Fiction	
ENGL 124	Contemporary Literature	
ENGL 125	Introduction to Poetry	
ENGL 127	Writing about Literature	
ENGL 130	Introduction to Fiction Writing	
ENGL 131	Introduction to Poetry Writing	
ENGL 138	Introduction to Creative Nonfiction	
ENGL 149	Networked and Multimedia Composition	
ENGL 230	Milton <sup>H</sup>	
ENGL 283	Life Writing <sup>H</sup>	
ENGL 301	Advanced Expository Writing for the Humanities	
ENGL 305	Advanced Expository Writing for Law	
ENGL 313	Grammar of Current English	
ENGL 402	Investigations in Academic Writing and Writing Centers	
<b>One course in American history or national security policy from the following options:</b>		3
ASIA 570	The Vietnam War	
COMM 355	Terrorism and Political Violence	
HIST 128	American History since 1865	
HIST 140	The World since 1945	
HIST 242	United States-Latin American Relations	
HIST 458	Europe and the World Wars, 1914-1945	
HIST 528	Guerrillas and Counterinsurgencies in Latin America	
POLI 272	The Ethics of Peace, War, and Defense	
PWAD 213	Air Power and Modern Warfare	
PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	
PWAD 350	Introduction to Peace and Security Studies	
PWAD 351	Global History of Warfare	
PWAD 352	The History of Intelligence Operations	
PWAD 368	War and American Society to 1903	
PWAD 369	War and American Society, 1903 to the Present	
PWAD 373	The United States in World War II	
PWAD 443	American Foreign Policy: Formulation and Conduct	
PWAD 444	Terrorism and International Peace	
PWAD 457	International Conflict Processes	
PWAD 486	National Security Decision Making	
<b>One course in world culture and regional studies from the following options:</b>		3
AAAD 101	Introduction to Africa	
AAAD 301	Contemporary China-Africa Relations	
AAAD 414	Senegalese Society and Culture	
ANTH 226	The Peoples of Africa	
ANTH 280	Anthropology of War and Peace	
ARAB 150	Introduction to Arab Cultures	
ASIA 122	Introduction to Iranian Culture	
ASIA 131	Southeast Asia to the Early 19th Century	
ASIA 133	Introduction to Chinese History	
ASIA 134	Modern East Asia	
ASIA 135	History of the Indian Subcontinent to 1750	
ASIA 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	
ASIA 138	History of Muslim Societies to 1500	
ASIA 139	History of Muslim Societies since 1500	
ASIA 150	Asia: An Introduction	
ASIA 152	Survey of South Asian Cultural History	
ASIA 180	Introduction to Islamic Civilization	
ASIA 181	Modern Muslim Societies	
ASIA 265	Eastern Asia	
ASIA 267	South Asia	
ASIA 277	The Conflict over Israel/Palestine	
ASIA 282	China in the World	
ASIA 287	Japan's Modern Revolution	
ASIA 288	Japan in the 20th Century	
ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	
ASIA 429	Culture and Power in Southeast Asia	
ASIA 536	Revolution in the Modern Middle East	
CHIN 150	Introduction to Chinese Civilization	
CHIN 342	The Rise of China: A Global and Multidisciplinary Approach	
GEOG 448	Transnational Geographies of Muslim Societies	
HIST 130	Modern African History	
HIST 133	Introduction to Chinese History	
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	
HIST 138	History of Muslim Societies to 1500	
HIST 139	History of Muslim Societies since 1500	
HIST 162	Russia under the Last Tsars and Soviet Commissars	
HIST 203	Empires and Cultures in the Modern World	
HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	
HIST 276	The Modern Middle East	
JAPN 150	Introduction to Japanese Culture	
JAPN 231	Premodern Japanese History and Culture	
JAPN 246	Early Modern Japanese History and Culture	
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	
KOR 150	History, Memory, and Reality in Contemporary Korea	
KOR 151	Education and Social Changes in Contemporary Korea	
POLI 130	Introduction to Comparative Politics <sup>H</sup>	
POLI 131	Political Change and Modernization	
POLI 237	The Politics of China	

POLI 452	Africa and International Conflict	
RELI 180	Introduction to Islamic Civilization	
RELI 181	Modern Muslim Societies	
SOCI 419	Sociology of the Islamic World	
<b>Six hours of physics-based calculus and six hours of physics at or above MATH 231 and PHYS 118</b>		12
Total Hours		24

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Whether you are a Navy Scholarship, Marine Corps Scholarship, College Programmer, or are pursuing a naval science minor, there is a plan for your success. Below are sample plans of study for students. All elective courses outside of the Department of Naval Science are ROTC scholarship requirements and do not count toward a naval science minor.

### Navy Scholarship Plan of Study

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		4
<b>Spring Semester</b>		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		6
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
NAVS 301	Naval Ships Engineering Systems	3
NAVS 500	Naval Science Laboratory	0
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
American History or National Security Policy elective		3
Hours		10
<b>Spring Semester</b>		
NAVS 201	Naval Leadership and Management	3
NAVS 500	Naval Science Laboratory	0
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
World Culture and Regional Studies elective		3
Hours		10

### Junior Year

#### Fall Semester

NAVS 202	Navigation	3
NAVS 202L	Navigation Laboratory	1
NAVS 500	Naval Science Laboratory	0
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
Hours		8

#### Spring Semester

NAVS 301	Naval Ships Engineering Systems	3
NAVS 500	Naval Science Laboratory	0
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
Hours		7

### Senior Year

#### Fall Semester

NAVS 402	Naval Leadership and Ethics	3
NAVS 500	Naval Science Laboratory	0
AERO 393	Air and Space Expeditionary Training University Experiential Learning Credit	1
Hours		4

#### Spring Semester

NAVS 401	Naval Operations	4
NAVS 500	Naval Science Laboratory	0
Hours		4
Total Hours		53

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Marine Corps Scholarship Plan of Study

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		4
<b>Spring Semester</b>		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
Hours		6
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
NAVS 500	Naval Science Laboratory	0
American History or National Security Policy elective		3
Hours		3
<b>Spring Semester</b>		
NAVS 201	Naval Leadership and Management	3
NAVS 500	Naval Science Laboratory	0
Hours		3

**Junior Year****Fall Semester**

NAVS 500	Naval Science Laboratory	0
<hr/>		
Hours		0

**Spring Semester**

NAVS 500	Naval Science Laboratory	0
NAVS 311	Evolution of Warfare	3
<hr/>		
Hours		3

**Senior Year****Fall Semester**

NAVS 402	Naval Leadership and Ethics	3
NAVS 500	Naval Science Laboratory	0
<hr/>		
Hours		3

**Spring Semester**

NAVS 500	Naval Science Laboratory	0
NAVS 411	Amphibious Warfare	3
<hr/>		
Hours		3

Total Hours		25
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# DEPARTMENT OF NUTRITION

## Contact Information

### Department of Nutrition

Visit Program Website (<http://www.sph.unc.edu/nutr/degrees>)  
260 Rosenau, CB# 7461  
(919) 966-7212

Elizabeth Mayer-Davis, Chair

Miroslav Styblo, Program Director  
styblo@med.unc.edu

General Student Inquiries  
nutrition@unc.edu

## Introduction

The Department of Nutrition is one of the top-ranked nutrition departments in the county. The curriculum offers a wide range of courses on the nutritional and epidemiological aspects of human diseases.

## Advising

All majors have a primary academic advisor in the department. Undergraduate students are encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Advisors, the program director, and the Office of Student Affairs staff work with current and prospective majors by appointment (see contact information above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site.

### Major

- Nutrition Major, B.S.P.H. (p. 702)

## Professors

Linda S. Adair, Alice Ammerman, Melinda Beck, Margaret Bentley, Cynthia Bulik, Rosalind A. Coleman, Penny Gordon-Larsen, Anthony Hackney, Stephen Hursting, Mark Koruda, Sergey Krupenko, Kay Lund, Leslie Lytle, Nobuyo Maeda, Elizabeth Mayer-Davis, Barry M. Popkin, Susan Smith, June Stevens, Miroslav Styblo, Susan Sumner, James Swenberg, Deborah Tate, Dianne S. Ward, Steven H. Zeisel.

## Associate Professor

Raza Shaikh.

## Assistant Professors

Sandra Albrecht, Kyle Burger, Ian Carroll, Folami Ideraabdullah, Natalia Krupenko, Stephanie Martin, Katie Meyer, Carmina Valle, Saroja Voruganti.

## Clinical Assistant Professors

Amanda Holliday.

## Research Professors

Martin Kohlmeier, Philip May.

## Research Associate Professors

Shufa Du, Shu Wen Ng, Kimberly Truesdale.

## Research Assistant Professors

Zhaohui Cui, Molly De Marco, Temitope Erinosh, Valerie Flax, Derek Hales, Wimal Pathmasiri, Jennifer Poti, Carmen Samuel-Hodge, Lindsey Smith-Taillie, Delisha Stewart, Natalia Surzenko, Jomari Torres, Many Warrior, Heather Wasser.

## Adjunct Professor

John Anderson.

## Adjunct Associate Professors

Liza Makowski Hayes, Boyd Switzer, Melicia Whitt-Glover.

## Adjunct Assistant Professors

Marlyn Allicock, Andrea Anater, Melissa Bauserman, Judith Borja, Melissa Daniels, Juhaeri Juhaeri, Lucia Leone, Lindsey Maslow, Michelle Mendez, Meghan Slining.

## Professors Emeriti

Janice M. Dodds, Joseph Chike Edozien, MaryAnn C. Farthing, Pamela S. Haines.

## NUTR–Nutrition Undergraduate-level

**NUTR 175. Introduction to Food Studies: From Science to Society. 3 Credits.**

Introduction to food studies covering a variety of topics including how food was consumed over history, land use and aquaculture, food in the arts, food and culture in the American South, food politics, and nutrition science.

**Gen Ed:** GL, NA.

**Grading status:** Letter grade

**Same as:** ANTH 175, AMST 175.

**NUTR 240. Introduction to Human Nutrition. 3 Credits.**

Relationships of human nutrition to health and disease. Integration of biology, chemistry, and social sciences as related to human function.

Nutrient composition of foods and safety of the food supply.

**Requisites:** Prerequisites, BIOL 101/101L and CHEM 102/102L.

**Grading status:** Letter grade.

**NUTR 245. Sustainable Local Food Systems: Intersection of Local Foods and Public Health. 3 Credits.**

Examines the intersection of local foods and public health with respect to nutrition and environmental, economic, and community issues. Students explore impacts and potential solutions of the increasingly industrialized and centralized food system, while assisting community partners to increase opportunities for farmers, local food marketers, distributors, and entrepreneurs.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.



**NUTR 295. Undergraduate Research Experience in Nutrition. 3 Credits.**

Permission of the instructor. For undergraduates enrolled in the department's baccalaureate degree program. Directed readings or laboratory study on a selected topic. May be taken more than once for credit.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level****NUTR 400. Introduction to Nutritional Biochemistry. 3 Credits.**

Function of the human body focusing on chemical properties, function, and metabolism of nutrients. Biochemistry of nutrients with a limited focus on medical aspects of nutrient metabolism. For advanced undergraduates and graduate students needing to enhance background prior to NUTR 600.

**Requisites:** Prerequisites, BIOL 101, CHEM 101 and 102, and NUTR 240; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**NUTR 600. Human Metabolism: Macronutrients. 3 Credits.**

Cell biochemistry and physiology emphasizing integration of proteins, carbohydrates, and lipids in whole-body metabolism; regulation of energy expenditure, food intake, metabolic adaptations, and gene expression; and macronutrient-related diseases (atherosclerosis, obesity).

**Requisites:** Prerequisite, NUTR 400; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**NUTR 611. Nutrition across the Life Cycle. 3 Credits.**

This course covers nutrition during the life cycle. Units include women during preconception, pregnancy, and lactation; infancy; childhood; adolescence; and older adults (65+). Nutrient and energy needs, assessment of nutritional status, and cultural and socioeconomic barriers are discussed for each phase.

**Requisites:** Prerequisite, NUTR 400.

**Grading status:** Letter grade

**Same as:** MHCH 611.

**NUTR 620. HUMAN METABOLISM: MICRONUTRIENTS. 3 Credits.**

Cell biochemistry and physiology emphasizing metabolism of vitamins and minerals including antioxidant protection, immune function, nutrient control of gene expression, and disease states induced by deficiencies (e.g., iron-deficient anemia).

**Requisites:** Prerequisites, NUTR 400 and 600; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**NUTR 630. Nutrition Communication, Counseling and Culture. 3 Credits.**

Course teaches the future nutrition professional the art and science of communicating with individuals, groups, and the public. Students will enhance cultural awareness, practice counseling individuals and facilitating groups, and frame nutrition messages for mass media including social media.

**Requisites:** Prerequisite, NUTR 240; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**NUTR 640. Medical Nutrition Therapy I: Chronic Disease Management. 3 Credits.**

Course designed to examine the rationale and implementation of diet therapy and nutrition support in the prevention or treatment of chronic disease.

**Requisites:** Prerequisite, NUTR 630.

**Grading status:** Letter grade.

**NUTR 642. Medical Nutrition Therapy II: Acute Disease Management. 3 Credits.**

Course designed to examine the rationale and implementation of diet therapy and nutrition support in the prevention or treatment of acute diseases.

**Requisites:** Prerequisite, NUTR 640.

**Grading status:** Letter grade.

**NUTR 650. Food Science and Culinary Arts. 2 Credits.**

Introduction to foods, chemical and physical properties, nutritional composition, food safety, production, and regulation.

**Requisites:** Prerequisite, NUTR 400; corequisite, NUTR 650L.

**Grading status:** Letter grade.

**NUTR 650L. Food Science and Culinary Arts Laboratory. 1 Credit.**

Basic culinary techniques. Classes illustrate biochemical processes and food properties covered in lecture. Introduction to new foods and food ideas. Critical evaluation of recipes. Laboratory fee required. Three laboratory hours per week.

**Requisites:** Corequisite, NUTR 650.

**Grading status:** Letter grade.

**NUTR 660. Food Service Systems Management. 2 Credits.**

Permission of the instructor for nonmajors. Basic concepts of institutional food service systems management applied to small and medium-sized health care facilities in the community.

**Requisites:** Co-requisite, NUTR 660L.

**Grading status:** Letter grade.

**NUTR 660L. Food Service Systems Management Experience. 1 Credit.**

This is a food service management practicum that applies the basic concepts of institutional food service systems. Two laboratory hours per week.

**Requisites:** Co-requisite, NUTR 660.

**Grading status:** Letter grade.

**NUTR 692H. Honors Research in Nutrition. 3 Credits.**

Permission of the instructor. Directed readings or laboratory study of a selected topic. Requires a written proposal to be submitted to and approved by the B.S.P.H. Committee and faculty research director. A written report is required. May be taken more than once for credit. Six laboratory hours per week.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**NUTR 695. Nutrition Research. 1-9 Credits.**

Permission of the instructor. Individual arrangements with faculty for bachelor and master students to participate in ongoing research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 8 total completions.

**Grading status:** Letter grade.

**NUTR 696. Readings in Nutrition. 1-9 Credits.**

Permission of the instructor. Reading and tutorial guidance in special areas of nutrition.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 8 total completions.

**Grading status:** Letter grade.

# Nutrition Major, B.S.P.H.

## Contact Information

### Department of Nutrition

Visit Program Website (<http://www.sph.unc.edu/nutr/degrees>)  
260 Rosenau, CB# 7461  
(919) 966-7212

### Elizabeth Mayer-Davis, Chair

### Miroslav Styblo, Program Director

styblo@med.unc.edu

### General Student Inquiries

nutrition@unc.edu

The bachelor of science in public health (B.S.P.H.) program in nutrition introduces the undergraduate student to the science of nutrition in health and disease and to social and behavioral aspects of eating in the context of public and individual health. The Department of Nutrition is one of the top-ranked nutrition departments in the country. The curriculum offers a range of courses on the nutritional and epidemiological aspects of human diseases. Students who graduate with a B.S.P.H. degree in nutrition have the necessary prerequisites for applying to schools of medicine, dentistry, pharmacy, and veterinary medicine, as well as graduate programs in nutrition and to participate in nutrition research projects or explore other related areas of interest. Students who are admitted to the B.S.P.H. program in nutrition can apply for a B.S.P.H./M.S. dual degree, which can be completed within one year after completion of the B.S.P.H. program.

Admission (p. 932) to the program is required.

## Student Learning Outcomes

Upon completion of the nutrition program, students should be able to:

- Demonstrate knowledge of metabolism of nutrients, nutritional biochemistry, and the nutritional components of diseases
- Demonstrate competency in biostatistics, and knowledge of environmental sciences, health policy management, health behavior and health education, and epidemiology
- Demonstrate basic knowledge in nutritional needs of individuals across the life cycle
- Demonstrate practice skills that involves application of the scientific method in the areas of nutritional biochemistry, nutritional epidemiology, and intervention and policy

## Prerequisite Courses Required for Admission

Code	Title	Hours
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H</sup>	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>1</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>1</sup>	4
CHEM 102	General Descriptive Chemistry II <sup>1, H</sup>	3
CHEM 102L	Quantitative Chemistry Laboratory II <sup>1</sup>	1

CHEM 261	Introduction to Organic Chemistry I <sup>1, H</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>1, H</sup>	3-4
or MATH 241	BioCalculus I	
NUTR 240	Introduction to Human Nutrition <sup>1</sup>	3

Courses in mathematics not completed during the first two years may be taken during the junior year.

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Must receive a C (not C-) or better.

## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Courses</b>		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference <sup>1</sup>	3
ENVR 600	Environmental Health <sup>1</sup>	3
EPID 600	Principles of Epidemiology for Public Health <sup>1</sup>	3
HBEH 600	Social and Behavioral Sciences in Public Health <sup>1</sup>	3
HPM 600	Introduction to Health Policy and Management <sup>1</sup>	3
Other Core Courses: <sup>2</sup>		
NUTR 295	Undergraduate Research Experience in Nutrition (three or four semesters pending honors research)	9
NUTR 400	Introduction to Nutritional Biochemistry	3
NUTR 600	Human Metabolism: Macronutrients	3
NUTR 611	Nutrition across the Life Cycle	3
NUTR 620	HUMAN METABOLISM: MICRONUTRIENTS	3
NUTR 692H	Honors Research in Nutrition (optional)	3
<b>Additional Requirements<sup>2</sup></b>		
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
PHYS 114	General Physics I: For Students of the Life Sciences	4
or PHYS 118	Introductory Calculus-based Mechanics and Relativity	
PHYS 115	General Physics II: For Students of the Life Sciences	4

or PHYS 119 Introductory Calculus-based Electromagnetism and Quanta

Total Hours 58

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Must receive a C (not C-) or better.

<sup>2</sup> All other courses for the nutrition major, including science required courses, must receive a C (not C-) or better.

## Dual Bachelor's–Master's Degree Program

The Department of Nutrition offers a B.S.P.H.–M.S. dual degree for students who wish to increase their knowledge in nutrition and acquire additional skills in nutrition-based research. This dual degree will be useful for students interested in becoming researchers in industry, program officers for nongovernmental and governmental organizations, project or laboratory managers in academic or nonacademic settings, international workers in nutrition-related programs, and graduate students pursuing a doctoral degree or eventually attending medical or another professional school. B.S.P.H.–M.S students will perform advanced research in nutrition and take graduate nutrition and other courses that will provide the information and experience needed to help them choose their career path. Additionally, for those students who are uncertain about whether they wish to enter the department's doctoral program, the B.S.P.H.–M.S program offers an excellent opportunity to determine whether a more advanced degree would be appropriate. The B.S.P.H.–M.S degree is not specific to any of the department divisions; rather, it builds on the work (both classroom-based and research) begun in the B.S.P.H. program. In summary, the B.S.P.H.–M.S program in nutrition allows students the opportunity to explore nutritional research at an advanced level. The program can be completed in one calendar year (summer, fall, spring) following completion of the B.S.P.H. in nutrition program.

Nutrition B.S.P.H. students interested in the dual-degree program are strongly advised to consult their research advisor and the director of undergraduate studies in nutrition during their sophomore year to discuss eligibility and an appropriate plan of study. For more information see the B.S.P.H.–M.S Dual Degree Nutrition Handbook (<http://www.sph.unc.edu/nutr/degrees>).

## Special Opportunities in Nutrition

### Honors in Nutrition

The Department of Nutrition provides an opportunity for honors study for qualified students. To be eligible for admission to the honors program students must have, at a minimum, a cumulative grade point average of 3.3 at the beginning of their senior year and must maintain the grade point average throughout the major if they intend to pursue honors. Students register for NUTR 295 (three credits) every semester and then enroll in NUTR 692H (three credits) in their final semester while completing an honors thesis in nutrition.

### Departmental Involvement

The Nutrition Coalition (<http://studentlife.unc.edu/organization/nutritioncoalition>) is an organization of students enrolled in one of the department's five degree programs. The coalition meets several times each semester to address student concerns and to plan service and social activities. Open to the entire University, the coalition strives

to broaden the scope of understanding of the various fields and environments in which nutrition is making advances. "A is for Apple" is a student-led, volunteer organization aimed at teaching basic nutrition principles to local elementary school students. Career development workshops are available each year to provide guidance for students applying to graduate and medical schools.

### Experiential Education

Two courses in nutrition include experiential components (NUTR 245 and NUTR 295). However, NUTR 295, available only to nutrition majors, fulfills the General Education experiential education requirement.

### Undergraduate Awards

Nutrition honors research students may apply for the honors undergraduate research awards. The application is available on the Honors Carolina (<http://honorscarolina.unc.edu>) Web site. Students also may be considered for any of the following awards: Chancellor's Awards for Excellence in Student Activities and Leadership, The Order of the Golden Fleece, The Order of the Grail-Valkyries, The Order of the Old Well, Frank Porter Graham Honor Society, Phi Beta Kappa, and the Joseph Edozien Outstanding Undergraduate Award in Nutrition.

### Undergraduate Research

To enhance students' general education and help them decide whether a research career is something they might pursue, all B.S.P.H. nutrition students are required to complete nutrition research, either as part of the honors thesis or as independent research.

# DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

## Contact Information

### Department of Pathology and Laboratory Medicine

Visit Program Website (<http://www.med.unc.edu/pathology>)

Brinkhous-Bullitt Building, CB# 7525

(919) 966-4676

J. Charles Jennette, Brinkhous Distinguished Professor and Chair

## Introduction

Pathology is the study of disease, its causes, development, and consequences. It is concerned with basic mechanisms of disease processes (pathobiology) and their structural/functional manifestations. Pathology combines the tools and the basic knowledge from many disciplines, such as molecular biology, cell biology, biochemistry, genetics, immunology, anatomy, and clinical sciences, to clarify the cause (etiology), natural course (pathogenesis), and diagnosis of disease. The department offers several pathology courses appropriate for undergraduate study.

In addition to formal courses, faculty members in the Department of Pathology and Laboratory Medicine of the UNC School of Medicine maintain active research programs and engage in training predoctoral students and postdoctoral fellows in a range of research endeavors. Undergraduate students interested in participating in a hands-on research experience should contact the director of graduate studies in pathology for more information. Contact information is available on the department's Web site.

### Graduate Programs

- M.S. in Pathology (<http://catalog.unc.edu/graduate/schools-departments/pathology-laboratory-medicine>)
- Ph.D. in Pathology (<http://catalog.unc.edu/graduate/schools-departments/pathology-laboratory-medicine>)

## PATH-Pathology

### Undergraduate-level Courses

#### PATH 128. Biology of Human Disease. 3 Credits.

Open to all undergraduates. An overview of basic human molecular and cellular biology in the setting of common human diseases. The course emphasizes how an understanding of disease mechanisms provides the knowledge base for informed use of modern health care. Does not count as a course in the major.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

#### PATH 426. Biology of Blood Diseases. 3 Credits.

An introduction to the biology and pathophysiology of blood and the molecular mechanisms of some human diseases: anemias; leukemias; hemorrhagic, thrombotic, and vascular disorders; and HIV disease/AIDS.

**Requisites:** Prerequisite, BIOL 205; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** BIOL 426.

#### PATH 426H. Biology of Blood Diseases. 3 Credits.

An introduction to the biology and pathophysiology of blood and the molecular mechanisms of some human diseases: anemias; leukemias; hemorrhagic, thrombotic, and vascular disorders; and HIV disease/AIDS.

**Requisites:** Prerequisite, BIOL 205; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** BIOL 426H.

#### PATH 462. Experimental Pathology. 1-9 Credits.

Hours, credits, and instructor to be arranged on an individual basis. Hands-on research experience in a predetermined instructor's laboratory.

Students learn and apply specific techniques and participate in investigations of molecular mechanisms responsible for disease processes (pathobiology). Contact the director of graduate studies in pathology for information. May be repeated.

**Grading status:** Letter grade.

#### PATH 464. Light Microscopy. 3 Credits.

Permission of the instructor. Course focuses on practical fundamentals of light microscopy including optics, contrast mechanisms, fluorescence, laser scanning confocal microscopy, photography, and digital imaging.

# CURRICULUM IN PEACE, WAR, AND DEFENSE

## Contact Information

### Curriculum in Peace, War, and Defense

Visit Program Website (<http://www.unc.edu/depts/pwad>)

401 Hamilton Hall, CB# 3200

(919) 962-3093

### Professor Wayne Lee, Chair and Director of Undergraduate Studies

wlee@unc.edu

### Luke Morgan, Student Services Manager

morganlr@email.unc.edu

## Introduction

Peace and war are among the oldest dreams and most difficult challenges of human experience. The curriculum brings together faculty and courses from many disciplines to provide undergraduates with a range of approaches to the fundamental issues of human conflict and national and global security and defense. The curriculum prepares majors for graduate work in several of the humanities and social sciences, for a variety of professional schools, and for a range of employment. Graduates have found employment with federal agencies, state and local governments, banks, and other businesses. Others have attended graduate and professional schools in government, history, international relations, and law. The strength of the curriculum is its broad interdisciplinary perspective combined with its depth of focus on topics that span the range of human experience across time and national boundaries, from science and technology to ethics and public policy. In addition to coursework, the curriculum sponsors guest speakers and field trips, and provides majors with help and advice on internships and career planning.

## Advising

All majors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The curriculum's student services manager and the chair work with current and prospective majors by appointment (see contact information above). Further information on courses, internships, the honors program, careers, and graduate schools may be obtained from the curriculum's Web site (<http://www.unc.edu/depts/pwad>).

## Graduate School and Career Opportunities

The curriculum prepares majors for graduate work in several of the humanities and social sciences, for a variety of professional schools, and for a range of employment. Graduates work for federal agencies, state and local governments, nongovernmental organizations, businesses, and other employers. Others have attended graduate and professional schools in government, history, international relations, and law.

### Majors

- Peace, War, and Defense Major, B.A. (p. 713)

### Minors

- Conflict Management Minor (p. 717)

## Advisory Committee

Navin Bapat (Political Science), Kenneth Cates (Aerospace Studies), Peter Coclanis (History), Cori Dauber (Communication), Stephen Gent (Political Science), Shane Doolan (Military Science), Klaus Larres (History), Douglas MacLean (Philosophy), Joe Steinfelds (Naval Science), Marc Stern (Naval Science), Patricia Sullivan (Public Policy), Jonathan Weiler (Global Studies).

## Adjunct Professors

Christopher Armitage (English and Comparative Literature), Cori Dauber (Communication), Joseph Glatthaar (History), Karen Hagemann (History), Klaus Larres (History), Wayne Lee (History), Douglas MacLean (Philosophy), Fred Naiden (History).

## Adjunct Associate Professors

Navin Bapat (Political Science), Stephen Gent (Political Science), Michael Morgan (History), Patricia Sullivan (Public Policy).

## Adjunct Assistant Professors

Miguel LaSerna (History).

## Teaching Assistant Professors

Dimitar Bechev (Center for Slavic, Eurasian, and East European Studies), Sara Bush-Castro (Peace, War, and Defense), Joseph Caddell (History), David Delaney (Law), Mark Gubrud (Peace, War, and Defense), Jennifer Hazen (Public Policy), Joseph Ross (Peace, War, and Defense), Shai Tamari (Center for the Study of the Middle East and Muslim Civilizations), Erinn Whitaker (School of Media and Journalism).

## PWAD—Peace, War, and Defense

### Undergraduate-level Courses

**PWAD 69. First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan. 3 Credits.**

In this seminar, we will explore the various ways that Iran-Iraq, United States-Iraq, and United States-Afghanistan wars have been portrayed in literature, film, and photography. We will deepen and enrich our understanding of war experienced by both veterans and civilians. We will also read articles on war criticism and psychology.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** ASIA 69.

**PWAD 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PWAD 101. Making Public Policy. 3 Credits.**

Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PLCY 101.



**PWAD 101H. Making Public Policy. 3 Credits.**

Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PLCY 101H.

**PWAD 108. Our Energy and Climate Crises: Challenges and Opportunities. 4 Credits.**

Students quantify global depletion of energy resources and accompanying environmental degradation, hence discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.

**Gen Ed:** PL, GL.

**Grading status:** Letter grade

**Same as:** ENEC 108.

**PWAD 110. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 110, GLBL 110.

**PWAD 110H. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 110H, GLBL 110H.

**PWAD 120. World Regional Geography. 3 Credits.**

A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** GEOG 120.

**PWAD 134. Modern East Asia. 3 Credits.**

Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 134, ASIA 134.

**PWAD 150. International Relations and World Politics. 3 Credits.**

The analysis of politics among nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 150.

**PWAD 150H. International Relations and World Politics. 3 Credits.**

The analysis of politics among nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 150H.

**PWAD 205. War, Diplomacy, and Statecraft, 1618-1815. 3 Credits.**

The history of European international politics from the outbreak of the Thirty Years War to the Congress of Vienna. Considers the sources of national power, the reasons for war, and the changing nature of diplomacy.

**Gen Ed:** GL, WB.

**Grading status:** Letter grade

**Same as:** HIST 205.

**PWAD 206. War, Diplomacy, and Statecraft, 1815-1945. 3 Credits.**

The history of international politics from the fall of Napoleon to the end of the Second World War, with special attention to European nationalism, imperialism, the emergence of non-European great powers, the reasons for war, and the search for peace.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 206.

**PWAD 207. The Global Cold War. 3 Credits.**

A survey of the Cold War from its origins in the aftermath of the Second World War to its conclusion in the late 1980s. Focuses on the geopolitical, military, ideological, and economic aspects of the global superpower conflict.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 207.

**PWAD 212. History of Sea Power. 3 Credits.**

The influence of sea power on international affairs will be surveyed from ancient times to the present. Emphasis on United States naval history and its interaction with diplomacy, economics, and technology.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 212.

**PWAD 213. Air Power and Modern Warfare. 3 Credits.**

Examines air power theory and practice from 1914 to the present. Focuses on the application of air power as an instrument of war and the effectiveness of that application.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 213, AERO 213.

**PWAD 220. The Politics of Public Policy. 3 Credits.**

Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PLCY 220.

**PWAD 220H. The Politics of Public Policy. 3 Credits.**

Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PLCY 220H.

**PWAD 235. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 235, JWST 235.

**PWAD 235H. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 235H, JWST 235H.

**PWAD 245. The United States and the Cold War: Origins, Development, Legacy. 3 Credits.**

This is both a wide-ranging and detailed course that looks at the origins, the evolution, and the termination of the Cold War from 1945 to 1989/90. It also considers the "New Cold War" with Russia that developed in 2014. The course is based on an international and multinational perspective.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 245.

**PWAD 251. The Thirty Years War (1618-1648): Europe in an Age of Crisis. 3 Credits.**

A critical examination of the significance of the Thirty Years' War for 17th-century Europe's social, religious, military, and geopolitical history. The representation of the conflict in art and literature also receives attention.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 251.

**PWAD 252. International Organizations and Global Issues. 3 Credits.**

Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 252.

**PWAD 252H. International Organizations and Global Issues. 3 Credits.**

Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 252H.

**PWAD 253. Problems in World Order. 3 Credits.**

An examination of selected topics in international relations, such as security and defense, international integration, and north-south relations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 253.

**PWAD 254. War and Society in Early Modern Europe. 3 Credits.**

A critical examination, from the Renaissance to the Napoleonic period, of the changes in European land and naval warfare and their impact on society and government.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** HIST 254.

**PWAD 260. Crisis and Change in Russia and Eastern Europe. 3 Credits.**

Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** POLI 260, SOCI 260.

**PWAD 262. History of the Holocaust: The Destruction of the European Jews. 3 Credits.**

Anti-Semitism; the Jews of Europe; the Hitler dictatorship; evolution of Nazi Jewish policy from persecution to the Final Solution; Jewish response; collaborators, bystanders, and rescuers; aftermath.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 262, JWST 262.

**PWAD 268. War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850. 3 Credits.**

The course explores the dramatic historical changes from 1750 to 1850 and their intersection with and reflection in arts, literature, and music in a trans-Atlantic perspective.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**PWAD 272. The Ethics of Peace, War, and Defense. 3 Credits.**

An analysis of ethical issues that arise in peace, war, and defense, e.g., the legitimacy of states, just war theory, terrorism, weapons of mass destruction.

**Gen Ed:** PH, GL, NA.

**Grading status:** Letter grade

**Same as:** PHIL 272, POLI 272.

**PWAD 273. Water, Conflict, and Connection in the Middle East. 3 Credits.**

Water has played many pivotal roles in the societies and politics of Middle Eastern peoples. This course will survey the history of water in the region, including its uses in agriculture and ritual, transport, and technology. We will explore water's impact on public health and the effects of water pollution on local societies. Finally, we will focus on the effects of the region's water scarcity in cross-border political conflicts.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 273.

**PWAD 277. The Conflict over Israel/Palestine. 3 Credits.**

Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 277, ASIA 277.

**PWAD 280. Anthropology of War and Peace. 3 Credits.**

Cross-cultural perspectives on war in its relation to society, including Western and non-Western examples. Surveys political, economic, and cultural approaches to warfare and peacemaking.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 280.

**PWAD 281. The Pacific War, 1937-1945: Its Causes and Legacy. 3 Credits.**

An examination of the origins of the Pacific War, the course of this bitter and momentous conflict, and its complex legacy for both Asia and the United States.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** HIST 281, ASIA 281.

**PWAD 283. Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt. 3 Credits.**

This course investigates how philosophical thought motivates, inspires, and generates forms of agency and identity against cultural tendencies that limit or erode freedom. Readings, lecture, and discussion in English.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade

**Same as:** GERM 283.

**PWAD 287. Strategy and International Relations. 3 Credits.**

Introduction to the study of strategic decision making in international relations, with an emphasis on the application of basic game theoretic models. Incorporates in-class simulations of international relations scenarios.

**Gen Ed:** SS, GL, QI.

**Grading status:** Letter grade

**Same as:** POLI 287.

**PWAD 289. Sounds of War and Revolution. 3 Credits.**

Music's roles in war and revolution within various political, social, and cultural contexts. Part of the cluster "War, Revolution and Culture-Transatlantic Perspectives, 1750-1850.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** MUSC 289.

**PWAD 330. Negotiation and Mediation: The Practice of Conflict Management. 3 Credits.**

Students will learn about meeting their interests when in conflict with another individual, organization, or government, redefining the meanings of "winning" and "power," and coping with stress, discomfort, and emotions when in conflict. Students will learn new negotiation and mediation skills, build upon existing ones, and challenge assumptions regarding conflict.

**Gen Ed:** CI.

**Grading status:** Letter grade

**Same as:** PLCY 330.

**PWAD 331. Cracking India: Partition and Its Legacy in South Asia. 3 Credits.**

What happened when the British carved Pakistan out of the Muslim-dominated corners of India? Readings and films focus on the causes and consequences of this event, the Partition of India.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 331, HIST 335.

**PWAD 339. US-Italian Encounters: War, Tourism, Myth. 3 Credits.**

Analyzing novels, memoirs, films, and military documents on the Allies' occupation of Italy in World War II, this seminar will ask what it means to go to war in a country associated with art, pleasure, and tourism, and how the WWII encounter influenced postwar relations.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade

**Same as:** ITAL 339.

**PWAD 350. Introduction to Peace and Security Studies. 3 Credits.**

Introduction to the problem of war and violent conflict in human experience and the contemporary world, and efforts to prevent, avoid, or ameliorate war and its effects. Content will vary by instructor and disciplinary perspective but will include causes of war, deterrence, irregular war, and the future of war.

**Grading status:** Letter grade.

**PWAD 351. Global History of Warfare. 3 Credits.**

The history of warfare from its prehistoric origins to the present.

The focus is on interactions between peoples around the world and particularly on the problems of innovation and adaptation.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 351.

**PWAD 352. The History of Intelligence Operations. 3 Credits.**

This course reviews the historic development of intelligence organizations and operations. Primary focus is on the modern world and the correlation between intelligence and national security concerns.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**PWAD 353. Intelligence Analysis: Research Methods and Writing. 3 Credits.**

Examines intelligence analysis methodology and products from a variety of settings and customer-types. An overview of the intelligence process and of collection strategies will also be conducted. The primary emphasis will be on conducting actual analysis of raw information to produce an intelligence estimate as a capstone to the course.

**Grading status:** Letter grade.

**PWAD 354. War and Gender in Movies. 3 Credits.**

The course examines and compares the images of war and gender that movies from different time periods and countries propagate and explores the different factors that influence these images and thereby the perception and recollection of war.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 354, WGST 353.

**PWAD 354H. War and Gender in Movies. 3 Credits.**

The course examines the interrelations between changes in warfare, the military system, and the gender order in Europe from medieval to modern time, and its reflection in international movies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 354H, WGST 353H.

**PWAD 355. Terrorism and Political Violence. 3 Credits.**

This course is a multi-disciplinary analysis of the phenomena of terrorism and political violence, their history, causes, the threat they pose, and what steps the United States can take in response.

**Grading status:** Letter grade

**Same as:** COMM 355.

**PWAD 356. Strategic Intelligence and International Security. 3 Credits.**

Course investigates policies, issues, key problems, and potential solutions in strategic intelligence and international security. In addition to readings and class simulations, the students will write an issue paper similar to those prepared within the national security community assessing the future environment and suggesting policies and strategies.

**Grading status:** Letter grade.

**PWAD 357. International Intelligence Services. 3 Credits.**

This course examines international intelligence services within the context of national and homeland security. Prominent subjects include human intelligence (HUMINT), covert action, and counterintelligence, as well as the organizations, missions, and functions of international intelligence and security services.

**Grading status:** Letter grade.

**PWAD 358. Cyber Security: Advanced and Persistent Threats to National Security. 3 Credits.**

Course investigates the concept, framework, and applications of cyber security; analyzes the relevant contextual background and current cyber security issues. Addresses cyber security from the perspective of the relevance of cyber security within national and international security policy formulation and implementation. Not a computer science nor information technology course.

**Grading status:** Letter grade.

**PWAD 359. Comparative History of National Intelligence Regimes. 3 Credits.**

Explores the origins and evolution of national intelligence regimes in various countries throughout the latter half of the 20th century. Includes comparative examples from intelligence services in the United States, the Soviet Union and post-Soviet Russia, Israel, Great Britain, China, and Iraq. Applies historical knowledge to understanding current intelligence issues, such as telecommunications monitoring, drone warfare, and counterterrorism.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**PWAD 360. The History of Warning Intelligence. 3 Credits.**

Course studies the evolution of the warning mission and its role in modern intelligence organizations. Primarily but not entirely focused on the American experience. Ancient through modern case studies are used with a particular emphasis on the methodologies developed to improve warning and the problems inherent to the warning mission.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**PWAD 361. The History of Deception. 3 Credits.**

Course examines strategic, operational, and tactical deception in warfare through history. This process entails describing and assessing the objectives, methodologies, and results of specific deception operations. There is a particular emphasis on the role of deception regarding intelligence collection and analysis, as well as the methods utilized to detect deception.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**PWAD 362. The Arab-Jews: Culture, Community, and Coexistence. 3 Credits.**

This course is designed to examine Jewish life in Arab lands in the last century by examining culture, language, and the communal life that the Arab-Jews shared with their neighbors.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 357, JWST 357.

**PWAD 363. Ethical Issues in Intelligence and National Security. 3 Credits.**

An exploration of the unique ethical and moral challenges that intelligence and national security present for policymakers, intelligence professionals, and citizens. Examples are drawn from a variety of places and times throughout history, with an emphasis on U.S. examples.

**Grading status:** Letter grade.

**PWAD 364. Post-Conflict and Peacebuilding. 3 Credits.**

This course considers theories of peacebuilding and state-building, investigates the various challenges facing post-conflict states, and assesses the role that international actors play in this process. Case study based.

**Grading status:** Letter grade.

**PWAD 368. War and American Society to 1903. 3 Credits.**

The American military experience from colonial times to the early 20th century. Major themes include the problem of security, the development of military policies and institutions, and the way in which the country waged and experienced war.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 368.

**PWAD 369. War and American Society, 1903 to the Present. 3 Credits.**

Survey of America's military experience in the 20th century, focusing on national security policy, military institutions, World Wars I and II, the Cold War, the Korean and Vietnam Wars, and recent interventions.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 369.

**PWAD 373. The United States in World War II. 3 Credits.**

A history of the United States in World War II (1941-1945): home front and military front.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** HIST 373.

**PWAD 376. The Rhetoric of War and Peace. 3 Credits.**

Explores philosophical assumptions and social values expressed by advocates of war and peace through a critical examination of such rhetorical acts as speeches, essays, film, literature, and song.

**Grading status:** Letter grade

**Same as:** COMM 376.

**PWAD 393. Internship in Peace, War, and Defense. 3-6 Credits.**

Students are encouraged to undertake unpaid internships with branches of the federal government, international organizations, and selected nongovernment organizations. Pass/Fail only, with the written approval of the department chair. Does not count as a course in the major, but can be combined with an independent study such as PWAD 396.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**PWAD 396. Independent Study in Peace, War, and Defense. 1-6 Credits.**

Permission of the instructor. Independent study and reading. Special reading and research activities in a selected field under the supervision of a faculty member.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PWAD 411. Social Movements and Collective Behavior. 3 Credits.**

Study of nonroutine collective actions such as demonstrations, strikes, riots, social movements, and revolutions, with an emphasis on recent and contemporary movements. Students may not receive credit for both SOCI 413 and SOCI 411.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** SOCI 411.

**PWAD 416. Constitutional Policies and the Judicial Process. 3 Credits.**

Analysis of the structure and functions of judicial systems emphasizing the organization, administration, and politics of judicial bureaucracies and roles of judges, juries, counsel, litigants, and interested groups in adjudication processes.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** POLI 416.

**PWAD 421. Alexander. 3 Credits.**

The rise of Macedonia; the careers of Philip II and Alexander (with emphasis on the latter's campaigns); the emerging Hellenistic Age. The course integrates computer (including Web site) and audiovisual materials throughout.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** HIST 421.

**PWAD 422. Ancient Greek Warfare. 3 Credits.**

War and the warrior in the archaic and classical Greek world, seventh to the fourth centuries BCE.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** HIST 422.

**PWAD 422H. Ancient Greek Warfare. 3 Credits.**

War and the warrior in the archaic and classical Greek world, seventh to the fourth centuries BCE.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** HIST 422H.

**PWAD 425. Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music. 3 Credits.**

Focuses on the various collaborations, exchanges, and mutual enrichment between Israelis and Palestinians in the realm of culture, particularly literature and cinema. These connections include language (Israeli Jewish authors writing in Arabic and Palestinian writers who choose Hebrew as their language of expression), collaborating in filmmaking, and joint educational initiatives.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 425, JWST 425.

**PWAD 430. Analysis of National Security Policy. 3 Credits.**

Course explores contemporary threats to national security, approaches to national security strategy, policy instruments, the role of military force, and the policy-making process.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 430, POLI 430.

**PWAD 432. The Crusades. 3 Credits.**

Students in this course will examine Christian attitudes toward holy war, crusading, and other forms of coercive violence from the 11th until the 15th centuries, with a focus on the major crusades of the Holy Land.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**PWAD 435. The Cinemas of the Middle East and North Africa. 3 Credits.**

This course explores the social, cultural, political, and economic contexts in which films are made and exhibited and focuses on shared intra-regional cinematic trends pertaining to discourse, aesthetics, and production.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 435.

**PWAD 442. Conflict and Bargaining. 3 Credits.**

Conflict and conflict-resolution behavior. Applications to labor-management relations, family, sports, community politics, international relations.

**Grading status:** Letter grade

**Same as:** SOCI 442.

**PWAD 443. American Foreign Policy: Formulation and Conduct. 3 Credits.**

The role of Congress, the press, public opinion, the president, the secretary and the Department of State, the military, and the intelligence community in making American foreign policy. Emphasizes the impact of the bureaucratic process on the content of foreign policy.

**Requisites:** Prerequisite, POLI 150; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** POLI 443.

**PWAD 444. Terrorism and International Peace. 3 Credits.**

The U.S. 9/11 attack represents the defining terrorist attack to Americans, but in most of the world, terrorism has long been part of politics. We will examine what motivates individuals to consider violence, how individuals organize to protect their political interests, the types of tactics used by violent groups and the state's response, before concluding with a study of collapsed states, the international implications of political violence, and possibilities for conflict resolution.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 444.

**PWAD 452. Imagining Palestine. 3 Credits.**

Explores how Palestine is portrayed in writings, films, and other creative works and how Palestinian portrayals of homeland affect others' perceptions of the Palestinian-Israeli conflict and the Arab World.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ARAB 452.

**PWAD 453. Political Geography. 3 Credits.**

The geography of politics is explored at the global, the nation-state, and the local scale in separate course units, but the interconnections between these geographical scales are emphasized throughout. (GHA)

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GEOG 453.

**PWAD 455. 9/11 and Its Aftermath. 3 Credits.**

Examines the nature of Islamic fundamentalist terrorism and strategies for addressing it, including analysis of post-9/11 changes to United States national security strategy, law enforcement and intelligence, and homeland security.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** PLCY 455.



**PWAD 457. International Conflict Processes. 3 Credits.**

Analysis of international conflict and the causal mechanisms that drive or prevent conflict. Emphasis is on the conditions and processes of conflict and cooperation between nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 457.

**PWAD 458. International Conflict Management and Resolution. 3 Credits.**

Examines the management and resolution of international and civil wars.

**Requisites:** Prerequisite, POLI 150.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** POLI 458.

**PWAD 458H. International Conflict Management and Resolution. 3 Credits.**

Examines the management and resolution of international and civil wars.

**Requisites:** Prerequisite, POLI 150.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** POLI 458H.

**PWAD 459. Trans-Atlantic Security. 3 Credits.**

The course explores the development of Euro-Atlantic security institutions (NATO, EU) and compares security policy in the United States and Europe. Cases include policy toward the Balkans, Afghanistan, Russia, and Ukraine. Includes review of concepts of security and selected international relations approaches to international organizations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 459.

**PWAD 460. International Economics. 3 Credits.**

An introduction to international trade, the balance of payments, and related issues of foreign economic policy.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading status:** Letter grade

**Same as:** ECON 460, EURO 460.

**PWAD 465. Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe. 3 Credits.**

Historical contexts and connections through artistic representation of the Holocaust and Soviet terror in Eastern Europe and the USSR. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, BN, GL.

**Grading status:** Letter grade

**Same as:** GSLL 465, JWST 465.

**PWAD 467. Language and Political Identity. 3 Credits.**

This course examines the roles of language policy and linguistic controversies in determining national identity and fueling political polarization. It focuses primarily on Western and Eastern Europe and Central Asia. Previously offered as SLAV 467.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** GSLL 467.

**PWAD 469. Conflict and Intervention in the Former Yugoslavia. 3 Credits.**

Focuses on ethnic and political conflicts in the former Yugoslavia and efforts by the international community to end conflict and promote peace and reconstruction.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 469.

**PWAD 469H. Conflict and Intervention in the Former Yugoslavia. 3 Credits.**

Focuses on ethnic and political conflicts in the former Yugoslavia and efforts by the international community to end conflict and promote peace and reconstruction.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** POLI 469H.

**PWAD 475. Literature of Russian Terrorism: Arson, Bombs, Mayhem. 3 Credits.**

Literary representations of Russian revolutionaries and terrorists in the 19th and early 20th centuries. Readings by Dostoevsky, Chernyshevsky, Bely, Joseph Conrad, and by some of the terrorists themselves. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** RUSS 475.

**PWAD 481. Religion, Fundamentalism, and Nationalism. 3 Credits.**

An exploration of explosive combinations of religion and politics in the Iranian revolution, the Palestinian movement, Hindu nationalism in India, and Christian fundamentalism in America.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** RELI 481.

**PWAD 484. Critical Security Studies. 3 Credits.**

Introduces major topics in the interdisciplinary field of critical security studies. Critically analyzing the public construction of risk and security in military, technological, informational, and environmental domains, the course explores major theories that attempt to make sense of the transnational proliferation of violence and risk in historical and contemporary contexts.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade

**Same as:** ENGL 488.

**PWAD 485. Extremism, Terrorism, and Security in Postwar Europe. 3 Credits.**

In the debate on how to efficiently combat terrorism without abandoning the rule-of-law, it is often neglected that this is not a new problem.

This course will examine European states' reactions to national and international terrorism since the 1960s. Case studies will include Germany, Italy, and the United Kingdom.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 486.

**PWAD 485H. Extremism, Terrorism, and Security in Postwar Europe. 3 Credits.**

In the debate on how to efficiently combat terrorism without abandoning the rule-of-law, it is often neglected that this is not a new problem.

This course will examine European states' reactions to national and international terrorism since the 1960s. Case studies will include Germany, Italy, and the United Kingdom.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 486H.

**PWAD 486. National Security Decision Making. 1-3 Credits.**

Permission of the instructor. Explores national security policy formation through analyzing the United States national security apparatus, the elements of national power, and historical examples of their application. Also examines the merits of various approaches to national security decision making. A course for senior majors in PWAD.

**Grading status:** Letter grade.

**PWAD 488. Nuclear Security in the 21st Century. 3 Credits.**

Examines the history of and contemporary problems associated with nuclear security and counter-proliferation.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**PWAD 489. Empire and Diplomacy. 3 Credits.**

Examines the history of the British Empire and the role of peace, war, defense, diplomacy, and letters in shaping Britain's presence on the world stage.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** CMPL 489.

**PWAD 490. Special Topics in Peace, War, and Defense. 1-3 Credits.**

Subject matter will vary with instructor, but will focus on some particular topic or historical approach. Course description available from departmental office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PWAD 517. Gender, Military, and War in Comparative Perspective. 3 Credits.**

This course introduces students to new research on the history of gender, the military, and war in a comparative perspective. It explores the interrelations between changing military systems, types of warfare, the gender order, as well as political, social, and cultural currents in modern history.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 517, WGST 517.

**PWAD 528. Guerrillas and Counterinsurgencies in Latin America. 3 Credits.**

This course examines the leftist guerrilla movements that swept Latin America and the Caribbean during the latter half of the 20th century. Students will analyze the origins, trajectories, and legacies of these insurgencies, paying particular attention to the roles of race, class, and gender.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 528.

**PWAD 564. The American Revolution, 1763-1815. 3 Credits.**

Major topics: constitutional conflict in the British empire; independence and war; Confederation and Constitution; growth of political parties and nationality in a period of domestic change and international conflict.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 564.

**PWAD 565. Civil War and Reconstruction, 1848-1900. 3 Credits.**

Focus is on causes, nature, and consequences of the Civil War.

**Grading status:** Letter grade

**Same as:** HIST 565.

**PWAD 570. The Vietnam War. 3 Credits.**

A wide-ranging exploration of America's longest war, from 19th-century origins to 1990s legacies, from village battlegrounds to the Cold War context, from national leadership to popular participation and impact.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 570, ASIA 570.

**PWAD 574. War and Culture. 3 Credits.**

Examines American cultural myths about war generally and specifically about the causes of war, enemies, weapons, and warriors, and the way these myths constrain foreign and defense policy, military strategy, and procurement.

**Grading status:** Letter grade

**Same as:** COMM 574.

**PWAD 575. Presidential Rhetoric. 3 Credits.**

The power of the presidency depends in part upon the president's ability to rally public opinion, which depends upon the president's ability to use the "bully pulpit." This course examines the hurdles presidents face and the steps presidents take to shape opinion.

**Requisites:** Prerequisite, COMM 170.

**Grading status:** Letter grade

**Same as:** COMM 575.

**PWAD 577. United States Foreign Relations in the 20th Century. 3 Credits.**

How the United States came to occupy a leading role in world affairs as a diplomatic, military, economic, and cultural power and what that role has meant to Americans and to other peoples, especially during the Cold War.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** HIST 577.

**PWAD 578. Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present. 3 Credits.**

This course considers transatlantic relations in its security, political, and economic dimensions. The course also analyzes U.S. attempts to construct a more united European continent. It is the main aim of this course to give students a structured overview of transatlantic relations and geo-political developments from 1945 to the present.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 578.

**PWAD 634. Public Health Issues in Community Preparedness and Disaster Management. 3 Credits.**

Examines conventional public health constructs of community preparedness and disaster management. Includes a review of traditional and emerging literature. Emphasizes conceptual development and application of adaptive leadership strategies.

**Grading status:** Letter grade

**Same as:** HPM 634.

**PWAD 635. Military Leadership and Public Service. 3 Credits.**

Leadership as taught and demonstrated in the military and how it translates to leadership in public service, including the interrelationship of the military and other public service and the transition of veterans to civilian leadership roles.

**Grading status:** Letter grade

**Same as:** PUBA 635.

**PWAD 652. International Law. 3 Credits.**

Permission of curriculum chair and instructor required. Practical problems of international law, including its nature; treaty making, interpretation, enforcement, and termination; recognition; territory; nationality; jurisdiction and immunities; state responsibility and international claims; and the law of war and neutrality.

**Grading status:** Letter grade, School of Law

**Same as:** LAW 252.

**PWAD 659. War in 20th-Century Literature. 3 Credits.**

A study of literary works written in English concerning World War I, or the Spanish Civil War and World War II, or the Vietnam War.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** ENGL 659.

**PWAD 659H. War in 20th-Century Literature. 3 Credits.**

A study of literary works written in English concerning World War I, or the Spanish Civil War and World War II, or the Vietnam War.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** ENGL 659H.

**PWAD 660. War in Shakespeare's Plays. 3 Credits.**

The focus is on Shakespeare's various treatments of war in his plays: all his Roman histories, most of his English histories, all his tragedies, even some of his comedies.

**Grading status:** Letter grade

**Same as:** ENGL 660.

**PWAD 670. Peace Making in the Israeli-Palestinian Conflict. 3 Credits.**

Research-intensive seminar focusing on the barriers preventing peace making from occurring. The course will make a distinction between making peace among individuals and achieving a political solution between governments and organizations.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PWAD 673. Post-Conflict Security Challenges. 3 Credits.**

A research seminar exploring the post-conflict challenges associated with force demobilization, state building, and military and security sector reforms. This course considers theories of post-conflict security and investigates the assorted challenges faced by post-conflict states. Students will conduct a significant independent research project.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**PWAD 674. Research Seminar on the History of Covert Action. 3 Credits.**

Examines historical dimensions of the phenomenon known as covert action, in which states are motivated to conceal their responsibility for foreign intervention. This behavior has important and far-reaching implications for international security, diplomacy, and law that are explored through class discussions and in-depth original research projects.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PWAD 680. Research Seminar in Peace, War, and Defense. 3 Credits.**

Undergraduate research seminar intended to provide an intensive research and writing experience for juniors and seniors in the major. Topic will vary by instructor. This course will emphasize developing research, writing, and presentation skills in topics relevant to the study of the problems of peace and security.

**Gen Ed:** CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PWAD 690. Seminars in Peace, War, and Defense. 3 Credits.**

Seminars on aspects of peace, war, and defense that lead to the production of a significant research product. Past topics have included arms control, public opinion and national security, and the Cold War.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PWAD 691H. Honors in Peace, War, and Defense. 3 Credits.**

Permission of the instructor. Directed research on an independent basis for majors who are preparing an honors thesis and for the oral examination on the thesis.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**PWAD 692H. Honors in Peace, War, and Defense. 3 Credits.**

Directed research on an independent basis for majors who are preparing an honors thesis and for the oral examination on the thesis.

**Requisites:** Prerequisite, PWAD 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Peace, War, and Defense Major, B.A.

### Contact Information

**Curriculum in Peace, War, and Defense**

Visit Program Website (<http://www.unc.edu/depts/pwad>)

401 Hamilton Hall, CB# 3200

(919) 962-3093

**Professor Wayne Lee, Chair and Director of Undergraduate Studies**

wlee@unc.edu

**Luke Morgan, Student Services Manager**

morganlr@email.unc.edu

Peace and war are among the oldest dreams and most difficult challenges of human experience. The curriculum brings together faculty and courses from many disciplines to provide undergraduates with a range of approaches to the fundamental issues of human conflict and national and global security and defense.

## Department Programs

**Majors**

- Peace, War, and Defense Major, B.A. (p. 713)

**Minors**

- Conflict Management Minor (p. 717)

## Student Learning Outcomes

Upon completion of the peace, war, and defense program, students should be able to:

- Express themselves effectively in written and oral communication
- Use appropriate research methodology
- Demonstrate knowledge of major concepts, theoretical perspectives, and history of peace and war
- Think critically and analytically in approaches to the concepts, perspectives, and history of peace and war
- Demonstrate knowledge of the interrelationships between the various disciplinary approaches to the study of peace and war

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
HIST/PWAD 351	Global History of Warfare	3
PHIL/PWAD 272	The Ethics of Peace, War, and Defense	3
PWAD 350	Introduction to Peace and Security Studies	3
Four courses from one concentration (see course lists below) <sup>1</sup>		12
Two courses chosen from outside the area of concentration (see course lists below) <sup>1</sup>		6
<b>Additional Requirements</b>		
Through level 5 of a single modern foreign language. <sup>2</sup>		3
All General Education requirements must be met. In fulfilling General Education (p. 27) requirements, majors should consider the following courses as helpful preparation for the curriculum:		
ANTH 101	General Anthropology <sup>H</sup>	
ECON 101	Introduction to Economics <sup>H</sup>	
HIST 127	American History to 1865	
HIST 128	American History since 1865	
HIST 140	The World since 1945	
HIST 158	Early Modern European History, 1450-1815	
HIST 159	From War to Prosperity: 20th-Century Europe	
MATH 152	Calculus for Business and Social Sciences	
PHIL 160	Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	
PHIL 170	Social Ethics and Political Thought <sup>H</sup>	
POLI 100	Introduction to Government in the United States <sup>H</sup>	
POLI 150	International Relations and World Politics <sup>H</sup>	
POLI 239	Introduction to European Government <sup>H</sup>	
PSYC 101	General Psychology	

SOCI 101	Sociological Perspectives <sup>H</sup>	
STOR 151	Introduction to Data Analysis	
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> PWAD 396, PWAD 680, PWAD 490, PWAD 690 and PWAD 691H may be applied toward the concentration requirement with the permission of the chair. Students can request that relevant courses not on this list, but offered as first-year seminars, honors seminars, or topics courses in other departments, be used to fulfill major requirements. This requires the approval of the chair.

<sup>2</sup> Alternatively, students can take one semester of POLI 281 or STOR 151 or STOR 155, or students may suggest a substitute statistics-heavy methodology course.

## The Culture of Peace and War

Code	Title	Hours
ANTH 280	Anthropology of War and Peace	3
ARAB 452	Imagining Palestine	3
ASIA/HIST 276	The Modern Middle East	3
ASIA/JWST 357/ PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA/PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	3
CMPL/PWAD 489	Empire and Diplomacy	3
COMM 376	The Rhetoric of War and Peace	3
COMM 574	War and Culture	3
COMM/PWAD 355	Terrorism and Political Violence	3
COMM/PWAD 575	Presidential Rhetoric	3
ENGL 659	War in 20th-Century Literature <sup>H</sup>	3
ENGL 660	War in Shakespeare's Plays	3
ENGL 488/ PWAD 484	Critical Security Studies	3
GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
GSLI 84	First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
GSLI 85	First-Year Seminar: Children and War	3
GSLI/JWST/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
GSLI 467	Language and Political Identity	3
HIST 134	Modern East Asia	3
HIST 254	War and Society in Early Modern Europe	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3

HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
HIST 277	The Conflict over Israel/Palestine	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 373	The United States in World War II	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 432	The Crusades	3
HIST 528	Guerrillas and Counterinsurgencies in Latin America	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 570	The Vietnam War	3
HIST/PWAD 273	Water, Conflict, and Connection in the Middle East	3
HIST/PWAD 354/	War and Gender in Movies <sup>H</sup>	3
WGST 353		
HIST/PWAD/	Gender, Military, and War in Comparative	3
WGST 517	Perspective	
ITAL/PWAD 339	US-Italian Encounters: War, Tourism, Myth	3
LAW 252	(permission of the PWAD chair and instructor)	3
MEJO 653	Leadership in a Time of Change	3
MUSC 289	Sounds of War and Revolution	3
PLCY 455	9/11 and Its Aftermath	3
PLCY/PWAD 330	Negotiation and Mediation: The Practice of Conflict Management	3
POLI 260	Crisis and Change in Russia and Eastern Europe	3
POLI 416	Constitutional Policies and the Judicial Process	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI/PWAD 458	International Conflict Management and Resolution <sup>H</sup>	3
PWAD 364	Post-Conflict and Peacebuilding	3
PWAD/SOCI 411	Social Movements and Collective Behavior	3
PWAD 673	Post-Conflict Security Challenges	3
PSYC 490	Current Topics in Psychology <sup>H</sup>	3
PUBA/PWAD 635	Military Leadership and Public Service	3
RELI 481	Religion, Fundamentalism, and Nationalism	3
RELI 583	Religion and Culture in Iran, 1500-Present	3
RUSS 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### International Security and Intelligence

Code	Title	Hours
ANTH 280	Anthropology of War and Peace	3
ARAB 452	Imagining Palestine	3
ASIA/HIST 276	The Modern Middle East	3
ASIA/PWAD 331	Cracking India: Partition and Its Legacy in South Asia	3
CMPL/PWAD 489	Empire and Diplomacy	3
COMM/PWAD 575	Presidential Rhetoric	3

ECON 460	International Economics	3
ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4
GEOG 120	World Regional Geography	3
GEOG 453	Political Geography	3
GSSL 84	First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
GSSL 85	First-Year Seminar: Children and War	3
GSSL/JWST/	Literature of Atrocity: The Gulag and the Holocaust	3
PWAD 465	in the Soviet Union and Eastern Europe	
GSSL 467	Language and Political Identity	3
HIST 134	Modern East Asia	3
HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST 213	Air Power and Modern Warfare	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3
HIST 277	The Conflict over Israel/Palestine	3
HIST 528	Guerrillas and Counterinsurgencies in Latin America	3
HIST 577	United States Foreign Relations in the 20th Century	3
HIST/PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3
HIST/PWAD 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HPM 634	Public Health Issues in Community Preparedness and Disaster Management	3
LAW 252	(permission of the PWAD chair and instructor)	3
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 220	The Politics of Public Policy <sup>H</sup>	3
PLCY 455	9/11 and Its Aftermath	3
PLCY/PWAD 101	Making Public Policy <sup>H</sup>	3
PLCY/PWAD 110	Global Policy Issues <sup>H</sup>	3
PLCY/PWAD 430	Analysis of National Security Policy	3
POLI 150	International Relations and World Politics <sup>H</sup>	3
POLI 231	Latin America and the United States in World Politics	3
POLI 252	International Organizations and Global Issues <sup>H</sup>	3
POLI 253	Problems in World Order	3
POLI 256	The Politics of the First Era (1880-1914) of Globalization	3
POLI 260	Crisis and Change in Russia and Eastern Europe	3
POLI 443	American Foreign Policy: Formulation and Conduct	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI 631	European Security: The Enlarging European Union and the Trans-Atlantic Relationship	3
POLI/PWAD 287	Strategy and International Relations	3
POLI/PWAD 444	Terrorism and International Peace	3
POLI/PWAD 457	International Conflict Processes	3
POLI/PWAD 458	International Conflict Management and Resolution <sup>H</sup>	3
POLI/PWAD 459	Trans-Atlantic Security	3
PSYC 490	Current Topics in Psychology <sup>H</sup>	3



PWAD 352	The History of Intelligence Operations	3	HIST/PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3
PWAD 353	Intelligence Analysis: Research Methods and Writing	3	HIST/PWAD 207	The Global Cold War	3
PWAD 356	Strategic Intelligence and International Security	3	HIST/PWAD 245	The United States and the Cold War: Origins, Development, Legacy	3
PWAD 357	International Intelligence Services	3	HIST/PWAD 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
PWAD 358	Cyber Security: Advanced and Persistent Threats to National Security	3	HIST/PWAD 528	Guerrillas and Counterinsurgencies in Latin America	3
PWAD 359	Comparative History of National Intelligence Regimes	3	HIST/PWAD 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
PWAD 360	The History of Warning Intelligence	3	HIST 486/ PWAD 485	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
PWAD 361	The History of Deception	3	HIST/PWAD 354/ WGST 353	War and Gender in Movies <sup>H</sup>	3
PWAD 363	Ethical Issues in Intelligence and National Security	3	HIST/PWAD/ WGST 517	Gender, Military, and War in Comparative Perspective	3
PWAD 364	Post-Conflict and Peacebuilding	3	MUSC 289	Sounds of War and Revolution	3
PWAD 486	National Security Decision Making	3	POLI 150	International Relations and World Politics <sup>H</sup>	3
PWAD 488	Nuclear Security in the 21st Century	3	POLI/PWAD 444	Terrorism and International Peace	3
PWAD 673	Post-Conflict Security Challenges	3	POLI/PWAD 459	Trans-Atlantic Security	3
PWAD 674	Research Seminar on the History of Covert Action	3	PSYC 490	Current Topics in Psychology (with approval, based on topic) <sup>H</sup>	3
RELI 481	Religion, Fundamentalism, and Nationalism	3	PWAD 352	The History of Intelligence Operations	3
RUSS 475	Literature of Russian Terrorism: Arson, Bombs, Mayhem	3			
SOCI 481	Managing International Conflict	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## The Evolution of Warfare

Code	Title	Hours
COMM/PWAD 355	Terrorism and Political Violence	3
ENGL 660	War in Shakespeare's Plays	3
GSLI/JWST/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
HIST 212	History of Sea Power	3
HIST 213	Air Power and Modern Warfare	3
HIST 254	War and Society in Early Modern Europe	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3
HIST 268	War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850	3
HIST 277	The Conflict over Israel/Palestine	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 368	War and American Society to 1903	3
HIST 369	War and American Society, 1903 to the Present	3
HIST 373	The United States in World War II	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 432	The Crusades	3
HIST 564	The American Revolution, 1763-1815	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 570	The Vietnam War	3
HIST 577	United States Foreign Relations in the 20th Century	3
HIST/PWAD 205	War, Diplomacy, and Statecraft, 1618-1815	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Hours Special Opportunities in Peace, War, and Defense

Additional information on all of these subjects, including lists of internship possibilities, can be found on the curriculum's Web site.

### Honors in Peace, War, and Defense

Majors who earn at least a 3.3 overall grade point average and at least a 3.3 grade point average in the major through their junior year may apply to the chair of the curriculum for permission to enroll in PWAD 691H and PWAD 692H. Students interested in honors must take a research seminar in peace, war, and defense (PWAD 670 or PWAD 680), a seminar in history (HIST 398), or another course that provides background in research design. For students who wish to write an honors thesis in their senior year, a thesis topic should be approved by an appropriate thesis director by the end of the junior year. Students prepare an honors thesis in PWAD 691H and PWAD 692H and defend it orally. PWAD 691H can be used to fulfill the student's chosen concentration requirement; PWAD 692H provides credit hours toward the major but cannot be used to satisfy concentration requirements. Based on faculty evaluations, the baccalaureate degree may be conferred with honors or with highest honors, or merely with course credit.

### Departmental Involvement

An undergraduate can participate in the activities and programs of the Triangle Institute for Security Studies at no cost by becoming a Wickersham Scholar. To become a scholar, a student must have a faculty sponsor and a demonstrated interest in international security studies. For more information contact Carolyn Pumphrey at (919) 613-9280 or pumphrey@duke.edu. The curriculum is also now a participating

institution in the Intelligence Community: Center for Academic Excellence (<http://pwad.unc.edu/ic-cae-information>) (IC-CAE).

## Experiential Education

Internship courses provide students with the opportunity to earn academic credit while obtaining practical work experience in agencies and organizations clearly related to national and international security. In recent years students have served in these and other agencies: The Central Intelligence Agency, Durham Police Department, Office of Naval Intelligence, Defense Intelligence Agency, Carolina for Kibera, Center for Strategic and International Studies, Peace Action, United States Army Special Operations Command, and many more. Students are limited to one internship for credit, and all internships are limited to three hours of academic credit. Although some routine administrative tasks are required in any professional setting, the expectation is that a majority of the intern's work will be directed toward the substantive mission of the agency and that tasks will be of a nature to justify awarding academic credit. All internships require prior approval, and all must consist of at least eight hours per week and at least 100 hours per semester. Students must sign an internship contract with their agency and faculty supervisors, setting out expectations and course requirements. Interns are required to keep a daily work journal. Once approved for an internship, students enroll in PWAD 393, which is offered on a Pass/Fail basis only and therefore does not count toward the nine courses required for the major. Students wishing credit towards the major derived from their internship work should pursue an independent study with a faculty supervisor either while taking the internship or in the next semester. That independent study should produce a major written product, would be graded normally, and receives credit in the major.

## Study Abroad

The curriculum encourages all undergraduates to study abroad either for a summer, a semester, or an entire year. Students should consult the study abroad (<http://studyabroad.unc.edu>) Web site and visit the Study Abroad Office as early as possible in their course of study to meet with a study abroad advisor. A number of foreign programs contain courses that qualify for major credit. Of particular usefulness is study at the King's College, University of London War Studies Department, the closest analogue to the Curriculum in Peace, War, and Defense in the English-speaking world and a program with a renowned faculty. Students with at least a 3.3 grade point average are eligible to apply to King's College. While supervision arrangements need to be negotiated and agreed with relevant faculty members, students writing honors theses in their senior year may also apply to spend the year at King's College.

## Undergraduate Research

Students who qualify are encouraged to experience original research by writing a senior honors thesis described in the honors section above.

# Conflict Management Minor

## Contact Information

### Curriculum in Peace, War, and Defense

Visit Program Website (<http://www.unc.edu/depts/pwad>)  
401 Hamilton Hall, CB# 3200  
(919) 962-3093

**Shai Tamari, Program Advisor**  
[tamari@email.unc.edu](mailto:tamari@email.unc.edu)

**Professor Wayne Lee, Chair and Director of Undergraduate Studies**

[wlee@unc.edu](mailto:wlee@unc.edu)

**Luke Morgan, Student Services Manager**  
[morganlr@email.unc.edu](mailto:morganlr@email.unc.edu)

The study of Conflict Management is the study of human behavior during disputes, including the causes of conflict, techniques for dealing with disputes, and strategies for achieving a resolution that satisfy one's interests and preserve relationships. People often assume that these skills are acquired during a lifetime by simply experiencing conflict, but that is not necessarily the case. We can spend our entire lives moving from one conflict to another - at home, at school, or at work - simply repeating the same ineffective responses without realizing opportunities for, and methods to achieve, successful outcomes. The minor in conflict management aspires to provide students with a theoretical framework, habits of mind and tangible skills, in areas such as negotiation, mediation, voice training, language, ethics, psychology, and neuroscience, among other fields. In addition, the minor aims to provide a better understanding of the world we live in and the conflicts that surround us by studying domestic and international conflicts, both past and current. The minor's goal is to allow students to become better conflict managers and thus better citizens of the world.

The minor is open to all undergraduate students.

## Department Programs

### Majors

- Peace, War, and Defense Major, B.A. (p. 713)

### Minors

- Conflict Management Minor (p. 717)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC-Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Practical-based courses (select three)		9
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	
BUSI 545	Negotiations (BUSI 405 prerequisite, 1.5 credits) <sup>1</sup>	
BUSI 555	Groups and Teams in Organizations (BUSI 405 prerequisite, 1.5 credits) <sup>1</sup>	
DRAM 140	Voice Training I	
DRAM 175	Building A Persuasive Persona Under Pressure	
MNGT/SOCI 131	Social Relations in the Workplace	
LING/ANTH/WGST 302	Language and Power	
LING 543	Language in Politics	
PHIL 163	Practical Ethics <sup>H</sup>	

PLCY/PWAD 330	Negotiation and Mediation: The Practice of Conflict Management	
POLI/PWAD 457	International Conflict Processes	
POLI/PWAD 458	International Conflict Management and Resolution <sup>H</sup>	
WGST 340	Leadership in Violence Prevention for Peer Educators	
Human behavior and brain function (select one)		3
PSYC 175	Introduction to Neuroscience	
PSYC 230	Cognitive Psychology <sup>2, H</sup>	
PSYC 260	Social Psychology <sup>2, H</sup>	
PSYC 430	Human Memory <sup>2</sup>	
PSYC 501	Theoretical, Empirical Perspectives on Personality <sup>2</sup>	
PSYC 512	Popularity, Friendship, and Peer Relations <sup>2</sup>	
PSYC 565	Stereotyping, Prejudice, and Discrimination <sup>2</sup>	
PSYC 566	Attitude Change <sup>2</sup>	
PSYC 569	Practical Wisdom from Advanced Social Psychology <sup>2</sup>	
PSYC 570	The Social Psychology of Self-Regulation <sup>2</sup>	
Domestic- and internationally-related courses (select one)		3
ASIA/PWAD 331/HIST 335	Cracking India: Partition and Its Legacy in South Asia	
ASIA/JWST/PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
HIST/PWAD 207	The Global Cold War	
HIST/ASIA/PWAD 277	The Conflict over Israel/Palestine	
HIST/PWAD 254	War and Society in Early Modern Europe	
HIST 312	History of France and Algeria	
HIST/EURO 347	Fascist Challenge in Europe, 1918-1945	
HIST 382	The History of the Civil Rights Movement	
HIST 510	Human Rights in the Modern World <sup>H</sup>	
HIST/ASIA 538	The Middle East and the West	
HIST/PWAD 565	Civil War and Reconstruction, 1848-1900	
POLI/PWAD/SOCI 260	Crisis and Change in Russia and Eastern Europe	
POLI/PWAD 444	Terrorism and International Peace	
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	
RELI 233	Religion and Violence	
Total Hours		15

<sup>2</sup> PSYC 101 is a required prerequisite. Some PSYC courses may have additional prerequisites (see course description).

See the program page here (p. 713) for special opportunities.

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> BUSI 545 and BUSI 555 are 1.5 credit hour courses. Students who choose these courses will need to select two additional courses (for a total of 9 hours) to fulfill this requirement.

# DEPARTMENT OF PHILOSOPHY

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## Contact Information

### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

### Marc Lange, Chair

[mlange@email.unc.edu](mailto:mlange@email.unc.edu)

### Mariska Leunissen, Director of Undergraduate Studies

[mleunissen@unc.edu](mailto:mleunissen@unc.edu)

## Introduction

The principal goal of the study of philosophy is to enable students to think more clearly, deeply, and appreciatively about themselves and their world. Study of philosophy enhances analytical, critical, and interpretive capacities that are applicable to any subject matter in almost any context. It provides many opportunities for expressing oneself, for reflecting on questions that human beings have pondered for millennia, for exchanging reasoned beliefs and engaging in focused debate, and for learning how to come to terms with problems for which there are no easy answers. A good philosophical education also helps to prepare students for responsible and intelligent participation in political and community affairs.

The most important outcome of philosophical study is the ability to engage in thinking that is at once disciplined and imaginatively creative. While such thinking lies at the heart of the philosophical enterprise, it is also needed for success in any complex intellectual or practical endeavor. Philosophy's attention to critical thought, rigorous argument, and articulate expression makes the philosophical curriculum absolutely central to a liberal education and valuable as a basis for further training in a variety of pursuits.

Examples of philosophical questions are

- How should we understand truth, existence, validity, fact, value, free will?
- What are the principles or presuppositions of science, language, political systems, religious and moral views?
- What is the nature of a person, of space and time, of a work of art?
- What is the wisdom of the past on these enduring questions? How can we learn from people such as Plato, Aristotle, Descartes, and Kant?

Students are encouraged to view philosophy not as a specialized, esoteric discipline, but instead as an activity integral to a liberal arts education, helping students to think more cogently and appreciatively about themselves and their world.

PHIL 101, PHIL 110, or PHIL 112 is recommended as a first course for those interested in philosophical issues and their cultural significance and for those who wish to examine a broad range of philosophical topics, problems, or historical figures. Other good starting points are PHIL 155, which deals with logic and the analysis of argument; PHIL 160, which deals with moral thought and experience; and PHIL 150, which deals with

the concepts, methods, and foundations of the biological and physical sciences.

PHIL 155 is recommended for all students who major or minor in philosophy.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointment (see contact information above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site.

## Graduate School and Career Opportunities

A major in philosophy offers excellent preparation for many careers in which clear thinking and analytical ability are valued. Some majors choose to pursue graduate work in philosophy in preparation for college or university teaching (Ph.D. normally required), but the philosophy major also provides the form of rigorous and systematic intellectual training that is of crucial importance in law, medicine, business, and other fields.

### Major

- Philosophy Major, B.A. (p. 729)

### Minors

- Philosophy Minor (p. 731)
- Philosophy, Politics, and Economics (PPE) Minor (p. 732)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)

## Distinguished Professors

Marc Lange, L.A. Paul, Gerald J. Postema, C.D.C. Reeve, Geoffrey Sayre-McCord, Susan Wolf.

## Distinguished Research Professors

Simon Blackburn, Geoffrey Brennan.

## Professors

Luc Bovens, Thomas Hofweber, Mariska Leunissen, Douglas MacLean, Alan Nelson, Ram Neta, John T. Roberts, Gillian Russell, Sarah Stroud.

## Associate Professor

Matthew Kotzen.

## Assistant Professors

Markus Kohl, Carla Merino-Rajme, Alexander Worsnip.

## Adjunct Professors

James Leshner, Rebecca Walker.

## Research Assistant Professors

Christopher Howard, Yoaav Isaacs, Alexandra Oprea, Dan Shahar, Rob Willison.

## Teaching Assistant Professor

Steven Swartzner.

## Visiting Teaching Assistant Professors

James Brantner, Dana Falkenberg, Krasimira Filcheva, Dean Pettit.

## Professors Emeriti

Bernard Boxill, Thomas E. Hill Jr., Douglas C. Long, William G. Lycan, Stanley Munsat, Michael D. Resnik, Robert D. Vance.

## PHIL–Philosophy

Courses numbered below 199 have no prerequisites. These serve as suitable first courses in philosophy for many students, as do some courses below 299, in particular PHIL 230, PHIL 266, and PHIL 280. Courses numbered 101 to 120 are general survey courses. Courses numbered 130 to 290 are oriented toward particular problems or topics. Courses numbered 210 to 229 concern the history of philosophy. Courses numbered 300 to 399 are designed for advanced undergraduates and majors and carry a prerequisite of one course in philosophy. (Some may carry additional prerequisites.) Courses between 400 and 699 are for advanced undergraduates as well as graduate students. Detailed information on upcoming courses is available on the department's Web site.

Please note that not all courses are offered on a regular basis. For information on which courses are most likely to be offered in a given year or semester, please contact the department's director of undergraduate studies.

## Undergraduate-level Courses

### PHIL 51. First-Year Seminar: Who Was Socrates?. 3 Credits.

Socrates is the quintessential philosopher—a man for all seasons, a foundational figure of the West.

**Gen Ed:** PH, NA, WB.

**Grading status:** Letter grade.

### PHIL 52. First-Year Seminar: Reason and Religion at the Dawn of Modern Science. 3 Credits.

Students will read some of the most important philosophical reflections of the 17th and 18th centuries.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 53. First-Year Seminar: Theories in Human Nature. 3 Credits.

Students will explore a variety of issues that arise when human beings begin to reflect on our own natures and will be introduced to main theories that have been developed.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 53H. First-Year Seminar: Theories in Human Nature. 3 Credits.

Students will explore a variety of issues that arise when human beings begin to reflect on our own natures and will be introduced to main theories that have been developed.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 54. First-Year Seminar: Thinking about Time. 3 Credits.

What is time? Do the past and the future exist, or only the present? Is the "flow of time" an objective feature of reality?

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

### PHIL 55. First-Year Seminar: Paradoxes. 3 Credits.

Paradoxes have been a driving force in philosophy since the fourth century BCE. They force us to rethink old ideas and conceptions.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

### PHIL 56. First-Year Seminar: Abortion. 3 Credits.

A general philosophical discussion of the value of life, the evil in death, and the wrongness of killing.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 57. First-Year Seminar: Race and Affirmative Action. 3 Credits.

The goal of the course is to get a mature and correct understanding of race, racism, and affirmative action.

**Gen Ed:** US.

**Grading status:** Letter grade.

### PHIL 58. First-Year Seminar: From Vengeance to Mercy: Dealing with Evil. 3 Credits.

This course will explore the ethical dimensions of the responses to evil that we have developed over history. Revenge, retribution, reparation; hatred, resentment, forgiveness; punishment, pardon, mercy.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 59. First-Year Seminar: Proofs of the Existence of God. 3 Credits.

We will examine efforts in the history of philosophy to prove that God exists or that God does not exist. Our aim is to articulate and understand some of the underlying philosophical issues that are raised by these proofs and arguments.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 60. First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature. 3 Credits.

This seminar examines Plato's philosophical and literary masterpiece, The Symposium, and its influence on later artists and writers: we explore the Symposium itself, the ways in which the Symposium influenced later European artists and writers, and the importance of the Platonic view of love and beauty for modern artists and writers.

**Gen Ed:** PH.

**Grading status:** Letter grade.

### PHIL 60H. First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature. 3 Credits.

This seminar examines Plato's philosophical and literary masterpiece, The Symposium, and its influence on later artists and writers: we explore the Symposium itself, the ways in which the Symposium influenced later European artists and writers, and the importance of the Platonic view of love and beauty for modern artists and writers.

**Gen Ed:** PH.

**Grading status:** Letter grade.



**PHIL 63. First-Year Seminar: Mind, Brain, and Consciousness. 3 Credits.**

What are minds and how are they related to bodies?

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PHIL 65. First-Year Seminar: Philosophy through Mathematics. 3 Credits.**

This seminar introduces several of the central problems in philosophy through reflection on the nature of mathematics.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PHIL 66. First-Year Seminar: Ethics: Theoretical and Practical. 3 Credits.**

This seminar examines theoretical issues, relativism, utilitarianism, deontological ethics, and virtue ethics.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 67. First-Year Seminar: Issues in a World Society: Sports and Competition. 3 Credits.**

This seminar examines ethical issues in sports, including Title IX, gender equity, racism, sexism, cheating, violence, and drug use.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 68. First-Year Seminar: Moral Life. 3 Credits.**

This course will explore the meaning of basic moral concepts as they are understood in philosophy, science, and art.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 68H. First-Year Seminar: Moral Life. 3 Credits.**

This course will explore the meaning of basic moral concepts as they are understood in philosophy, science, and art.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 75. First-Year Seminar: Evil. 3 Credits.**

What is evil? Who, if anyone, is responsible for it? How different are evil people from the rest of us? How should we respond to them? The course will explore the nature of evil through philosophy, nonfiction, fiction, and film.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 76. First-Year Seminar: Is Free Will an Illusion?. 3 Credits.**

This course will examine whether our belief in freedom of action is compatible with the modern picture of ourselves.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 76H. First-Year Seminar: Is Free Will an Illusion?. 3 Credits.**

This course will examine whether our belief in freedom of action is compatible with the modern picture of ourselves.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 77. First-Year Seminar: Moral Weakness and Conscience. 3 Credits.**

Is man's reason a powerful thing: if one had knowledge or belief about something that should be done, would that be enough to position one to do it?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 78. First-Year Seminar: Death as a Problem for Philosophy: Metaphysical and Ethical. 3 Credits.**

This course explores both old and new questions regarding death. It will examine the presuppositions and cogency of the classical religious-philosophical conception of death.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 79. First-Year Seminar: Words That Bind: The Structure of Constitutions. 3 Credits.**

In this seminar we will examine a number of constitutions and try to determine what makes a constitution better or worse, and when it makes sense to borrow constitutional principles from other countries. We will also try our hand at designing a constitution.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

**PHIL 85. First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution. 3 Credits.**

The arguments by which Galileo and his contemporaries defended the Copernican model of the solar system puzzle philosophers even today.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 85H. First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution. 3 Credits.**

The arguments by which Galileo and his contemporaries defended the Copernican model of the solar system puzzle philosophers even today.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 89. First Year Seminar: Special Topics. 3 Credits.**

Special Topics Course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 101. Introduction to Philosophy: Main Problems. 3 Credits.**

An introduction to philosophy focusing on a few central problems, for example: free will, the basis of morality, the nature and limits of knowledge, and the existence of God.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 101H. Introduction to Philosophy: Main Problems. 3 Credits.**

An introduction to philosophy focusing on a few central problems, for example: free will, the basis of morality, the nature and limits of knowledge, and the existence of God.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 105. How to Reason and Argue: An Introduction to Critical Thinking. 3 Credits.**

A course on how to identify, analyze, and evaluate arguments by other people and how to construct arguments. Topics include argument reconstruction, informal logic, fallacies, introductory formal logic, probabilistic reasoning.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 110. Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works. 3 Credits.**

An introduction to philosophy focusing on several great books from the history of Western philosophy. See course description at the department's website for which books will be covered each semester.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 110H. Introduction to Philosophy: Great Works. 3 Credits.**

An introduction to philosophy focusing on several great books from the history of Western philosophy. See course description at the department's website for which books will be covered each semester

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 112. Making Sense of Ourselves. 3 Credits.**

An examination of some of the most influential attempts to understand human beings, their lives, and their moral and political values. Authors may include Plato, Aristotle, and Nietzsche.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 112H. Making Sense of Ourselves. 3 Credits.**

An examination of some of the most influential attempts to understand human beings, their lives, and their moral and political values. Authors may include Plato, Aristotle, and Nietzsche.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 134. Philosophy of Western Religion. 3 Credits.**

A philosophical inquiry into the problems of religious experience and belief, as expressed in philosophic, religious, and literary documents from traditional and contemporary sources.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade

**Same as:** RELI 126.

**PHIL 134H. Philosophy of Western Religion. 3 Credits.**

A philosophical inquiry into the problems of religious experience and belief, as expressed in philosophic, religious, and literary documents from traditional and contemporary sources.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade

**Same as:** RELI 126H.

**PHIL 140. Knowledge and Society. 3 Credits.**

An examination of questions about knowledge, evidence, and rational belief as they arise in areas of social life such as democratic politics, the law, science, religion, and education.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 140H. Knowledge and Society. 3 Credits.**

An examination of questions about knowledge, evidence, and rational belief as they arise in areas of social life such as democratic politics, the law, science, religion, and education.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 143. AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival. 3 Credits.**

This course investigates philosophical issues arising from advanced forms of technology, in particular artificial intelligence, virtual reality, and biological augmentation. We will consider questions about the dangers and benefits of AI, survival in non-biological ways, moral constraints on AI, the relationship between human and machine morality, and others.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 145. Language and Communication. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** LING 145.

**PHIL 145H. Language and Communication. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** LING 145H.

**PHIL 150. Theory, Evidence, and Understanding in Science. 3 Credits.**

What is distinctive about the kind of knowledge called "science"? What is scientific explanation? How are scientific theories related to empirical evidence?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 150H. Philosophy of Science. 3 Credits.**

What is distinctive about the kind of knowledge called "science"? What is scientific explanation? How are scientific theories related to empirical evidence?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 154. Philosophy of the Social Sciences. 3 Credits.**

How do social sciences explain human actions? Are there social facts over and above facts about various individuals? Do values enter into social science?

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 155. Introduction to Mathematical Logic. 3 Credits.**

Introduces the theory of deductive reasoning, using a symbolic language to represent and evaluate patterns of reasoning. Covers sentential logic and first-order predicate logic.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**PHIL 155H. Introduction to Mathematical Logic. 3 Credits.**

Introduces the theory of deductive reasoning, using a symbolic language to represent and evaluate patterns of reasoning. Covers sentential logic and first-order predicate logic.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**PHIL 157. Logic and Decision Theory. 3 Credits.**

A broader discussion of practical reasoning, including inductive and deductive logic, which provides a good introduction to decision and game theory that is important for the social sciences, especially economics.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PHIL 160. Virtue, Value, and Happiness: An Introduction to Moral Theory. 3 Credits.**

Exploration of different philosophical perspectives about right and wrong, personal character, justice, moral reasoning, and moral conflicts. Readings drawn from classic or contemporary sources. Critical discussion emphasized.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 160H. Introduction to Ethics. 3 Credits.**

Exploration of different philosophical perspectives about right and wrong, personal character, justice, moral reasoning, and moral conflicts. Readings drawn from classic or contemporary sources. Critical discussion emphasized.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 163. Practical Ethics. 3 Credits.**

Topics may include war, medical ethics, media ethics, sexual ethics, business ethics, racism, sexism, capital punishment, and the environment.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 163H. Practical Ethics. 3 Credits.**

Topics may include war, medical ethics, media ethics, sexual ethics, business ethics, racism, sexism, capital punishment, and the environment.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 164. Morality and Business. 3 Credits.**

An examination of business ethics and the types of ethical dilemmas people may face in business practices.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 165. Bioethics. 3 Credits.**

An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 165H. Bioethics. 3 Credits.**

An examination of ethical issues in the life sciences and technologies, medicine, public health and/or human interaction with nonhuman animals or the living environment.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 170. Social Ethics and Political Thought. 3 Credits.**

An examination of major issues in political philosophy, e.g., liberty, individual rights, social responsibility, legal authority, civil authority, civil disobedience. Readings include classical and contemporary writings.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 170H. Social Ethics and Political Thought. 3 Credits.**

An examination of major issues in political philosophy, e.g. liberty, individual rights, social responsibility, legal authority, civil authority, civil disobedience. Readings include classical and contemporary writings.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 180. Philosophy of Comedy. 3 Credits.**

A course on philosophical issues related to laughter and humor. Historical and contemporary philosophical theories of humor; connections between traditional issues in aesthetics and humor; moral questions about humor, such as what is involved in a joke being racist/sexist/homophobic; and connections between jokes and various epistemological fallacies.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 185. Aesthetics and the Philosophy of Art. 3 Credits.**

The nature of art and artworks and their aesthetic appraisal.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 185H. Introduction to Aesthetics. 3 Credits.**

The nature of art and artworks and their aesthetic appraisal.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 210. Ancient Greek Philosophy. 3 Credits.**

The emergence of philosophy in Greece during the sixth century BCE and its development during the classical period. The major figures studied are the Pre-Socratic philosophers, Socrates, Plato, and Aristotle.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**PHIL 210H. Ancient Greek Philosophy. 3 Credits.**

The emergence of philosophy in Greece during the sixth century BCE and its development during the classical period. The major figures studied are the Pre-Socratic philosophers, Socrates, Plato, and Aristotle.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**PHIL 213. Asian Philosophy. 3 Credits.**

An examination of some of the philosophical traditions of Asia. Possible topics include Advaita Vedanta, Nyaya-Vaisheshika, Madhyamaka Buddhism, neo-Confucianism, Mohism, and philosophical Taoism.

**Gen Ed:** PH, BN, WB.

**Grading status:** Letter grade.

**PHIL 215. Medieval Philosophy. 3 Credits.**

A survey of medieval philosophy from Augustine through Ockham. Topics: God and the world, faith and reason, knowledge and reality, the problem of universals. Additional main authors: Anselm, Aquinas, Duns Scotus.

**Gen Ed:** PH, NA, WB.

**Grading status:** Letter grade.

**PHIL 220. 17th and 18th Century Western Philosophy. 3 Credits.**

A study of some major philosophical works from this period, including works by authors such as Descartes, Spinoza, Locke, Berkeley, Leibniz, Hume, and/or Kant.

**Gen Ed:** PH, NA, WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 220H. 17th and 18th Century Western Philosophy. 3 Credits.**

A study of some major philosophical works from this period, including works by authors such as Descartes, Spinoza, Locke, Berkeley, Leibniz, Hume, and/or Kant.

**Gen Ed:** PH, NA, WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 224. Existential Philosophy. 3 Credits.**

A survey of European philosophers in the phenomenological and existentialist traditions. Philosophers studied may include Kierkegaard, Nietzsche, Husserl, Heidegger, Sartre, Camus.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**PHIL 224H. Existential Philosophy. 3 Credits.**

A survey of European philosophers in the phenomenological and existentialist traditions. Philosophers studied may include Kierkegaard, Nietzsche, Husserl, Heidegger, Sartre, Camus.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**PHIL 228. American Philosophy. 3 Credits.**

An exploration of the distinctively American approaches to philosophy from Jonathan Edwards to the present.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**PHIL 229. 20th-Century Western Philosophy. 3 Credits.**

An introductory survey of British and Continental philosophy in the 20th century.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**PHIL 230. Experience and Reality. 3 Credits.**

Topics in metaphysics and/or epistemology, such as: Is your mind different from your brain? Is it possible for us to know anything about the external world? Do we have free will? What distinguishes reasonable from unreasonable belief?

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**PHIL 230H. Experience and Reality. 3 Credits.**

Topics in metaphysics and/or epistemology, such as: Is your mind different from your brain? Is it possible for us to know anything about the external world? Do we have free will? What distinguishes reasonable from unreasonable belief?

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**PHIL 261. Ethics in Practice. 3 Credits.**

Required preparation, one previous PHIL ethics course. Permission of the instructor. Ethics Bowl provides a unique experiential opportunity for students to apply theory to practical global issues. Students will prepare cases to present locally and at Ethics Bowl competition.

**Gen Ed:** PH, CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PHIL 266. Ethics of Sports. 3 Credits.**

An analysis of the moral significance of sports, the nature of sport and competition, and issues such as racism, gender equity, violence, and performance-enhancing drugs.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 266H. Ethics of Sports. 3 Credits.**

An analysis of the moral significance of sports, the nature of sport and competition, and issues such as racism, gender equity, violence, and performance-enhancing drugs.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 272. The Ethics of Peace, War, and Defense. 3 Credits.**

An analysis of ethical issues that arise in peace, war, and defense, e.g., the legitimacy of states, just war theory, terrorism, weapons of mass destruction.

**Gen Ed:** PH, GL, NA.

**Grading status:** Letter grade

**Same as:** POLI 272, PWAD 272.

**PHIL 273. Philosophical Perspectives on Justice. 3 Credits.**

This course will focus on justice and the common good, applying theoretical justifications to contemporary social and economic issues. Readings will include classical and contemporary literature on the nature of justice and rights.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 274. African American Political Philosophy. 3 Credits.**

Race, identity, discrimination, multiculturalism, affirmative action, and slave reparations in the writings of Walker, Delany, Douglass, Cooper, DuBois, King, and Malcolm X.

**Gen Ed:** PH, US.

**Grading status:** Letter grade.

**PHIL 274H. African American Political Philosophy. 3 Credits.**

Race, identity, discrimination, multiculturalism, affirmative action, and slave reparations in the writings of Walker, Delany, Douglass, Cooper, DuBois, King, and Malcolm X.

**Gen Ed:** PH, US.

**Grading status:** Letter grade.

**PHIL 275. Moral and Philosophical Issues of Gender in Society. 3 Credits.**

A survey of feminist perspectives on topics such as the meaning of oppression, sexism and racism, sex roles and stereotypes, ideals of female beauty, women in the workplace, pornography, rape.

**Gen Ed:** PH, US.

**Grading status:** Letter grade

**Same as:** WGST 275.

**PHIL 275H. Moral and Philosophical Issues of Gender in Society. 3 Credits.**

A survey of feminist perspectives on topics such as the meaning of oppression, sexism and racism, sex roles and stereotypes, ideals of female beauty, women in the workplace, pornography, rape.

**Gen Ed:** PH, US.

**Grading status:** Letter grade

**Same as:** WGST 275H.

**PHIL 280H. Morality and Law. 3 Credits.**

Explores issues in legal philosophy such as, What is law? Does it serve justice or undermine it? Can punishment be justified? When is a person responsible?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 280. Morality and Law. 3 Credits.**

Explores issues in legal philosophy such as, What is law? Does it serve justice or undermine it? Can punishment be justified? When is a person responsible?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 282. Human Rights: Philosophical Interrogations. 3 Credits.**

The philosophy of human rights addresses questions about the existence, content, nature, universality, justification, and legal status of human rights. The strong claims made on behalf of human rights frequently provoke skeptical doubts and countering philosophical defenses. These will be addressed through classical and contemporary history of philosophy.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 285. Moral and Philosophical Issues in Education. 3 Credits.**

A critical examination of the moral and philosophical issues in education: What does it mean to be well educated? What is a liberal education?

**Gen Ed:** PH, CI.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 292. Introducing and Integrating Philosophy into Primary and Secondary Schools. 3 Credits.**

Permission of the instructor. This course combines on-campus structured learning with substantial on-site field work incorporating philosophy into the primary and/or secondary school curriculum. Philosophy subjects and school partners will vary by semester.

**Requisites:** Prerequisite, two previous PHIL courses.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 330. Metaphysics. 3 Credits.**

An examination of general theories of the nature of reality. What kinds of things exist? What are space, time, and causation? Are abstract entities (such as numbers) real?

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 335. Theory of Knowledge. 3 Credits.**

What is knowledge and how does it relate to belief, justification, and truth? What makes beliefs reasonable or irrational? Can skepticism be defeated?

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 340. Philosophy of Mind. 3 Credits.**

The mind-body problem, the nature of thinking, the puzzles of consciousness, and the qualitative character of felt experience.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 345. Reference and Meaning. 3 Credits.**

Survey of major topics in contemporary philosophy of language. Topics may include truth and meaning, speech acts, reference, descriptions, names, and demonstratives.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PHIL 351. Philosophy of Physics. 3 Credits.**

Topics may include the nature of space and time, the ontological status of fields and energy, or causation and locality in quantum physics.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 351H. Philosophy of Physics. 3 Credits.**

Recommended preparation, at least one course in philosophy. Topics may include the nature of space and time, the ontological status of fields and energy, or causation and locality in quantum physics.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 352. Sex and Death, Life and Health, Species and Evolution: The Philosophy of Biology. 3 Credits.**

Philosophical issues raised by biological theories, which may include the logical structure of evolutionary theory, fitness, taxonomy, the notion of a living thing, reductionism, evolutionary explanations, or teleology.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PHIL 353. Philosophy of Cognitive Science. 3 Credits.**

Philosophical questions raised by linguistics, computer science, cognitive psychology, and neuroscience. Topics may include the innateness of language, artificial intelligence, and the neural correlates of consciousness.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PHIL 353H. Philosophy of Cognitive Science. 3 Credits.**

Philosophical questions raised by linguistics, computer science, cognitive psychology, and neuroscience. Topics may include the innateness of language, artificial intelligence, and the neural correlates of consciousness.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PHIL 354. Quantum Mechanics, Weirdness, and Reality. 3 Credits.**

An interdisciplinary course on the weirdness of quantum mechanics and the problem of interpreting it. Nonlocality, the measurement problem, superpositions, Bohm's theory, collapse theories, and the many-worlds interpretation.

**Requisites:** Prerequisites, MATH 231 and any PHYS course numbered 100 or greater; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHYS 354.

**PHIL 355. Intermediate Mathematical Logic. 3 Credits.**

Quantificational logic with identity; basic meta-theory; modal logic.

**Requisites:** Prerequisite, PHIL 155.

**Gen Ed:** QI.

**Grading status:** Letter grade.



**PHIL 357. Induction, Probability, and Confirmation. 3 Credits.**

Current accounts of evidence and observation, the confirmation of scientific theories, the logic of inductive reasoning, and the metaphysics and epistemology of chance.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PHIL 360. History of Ethics. 3 Credits.**

PHIL 160 recommended. Major developments in the history of moral philosophy, from Plato to Nietzsche.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 360H. History of Ethics. 3 Credits.**

PHIL 160 recommended. Major developments in the history of moral philosophy, from Plato to Nietzsche.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 362. Contemporary Ethical Theory. 3 Credits.**

Using 20th- and 21st-century texts, this course explores some general questions about morality in depth. For example, Is there moral truth? Are any moral rules absolute? Why be moral?

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 362H. Contemporary Ethical Theory. 3 Credits.**

Using 20th- and 21st-century texts, this course explores some general questions about morality in depth. For example, Is there moral truth? Are any moral rules absolute? Why be moral?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 364. Ethics and Economics. 3 Credits.**

Recommended preparation, at least one course in ethics (PHIL 160, 163, or 170) or one course in economics. Issues at the intersection of ethics and economics, including value; the relation between values and preferences; rationality; the relevance to economics of rights, justice, and the value of human life.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PLCY 364.

**PHIL 368. Environmental Ethics. 3 Credits.**

The meaning of environmental values and their relation to other values; the ethical status of animals, species, wilderness, and ecosystems; the built environment; environmental justice; ecofeminism; obligations to future generations.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** ENEC 368.

**PHIL 370. Political Philosophy. 3 Credits.**

Advanced discussion of competing philosophical approaches to questions of justice, authority, freedom, rights, and the like, including libertarianism, liberalism, communitarianism, Marxism, and feminism.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**PHIL 381. Philosophy and Film. 3 Credits.**

An examination of how philosophical issues are explored in the medium of film.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 381H. Philosophy and Film. 3 Credits.**

An examination of how philosophical issues are explored in the medium of film.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PHIL 384. Introduction to Philosophy, Politics, and Economics. 3 Credits.**

One course in economics strongly recommended. This interdisciplinary gateway course provides an introduction to subjects and quantitative techniques used to analyze problems in philosophy, political science, and economics.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** ECON 384, POLI 384.

**PHIL 390. Seminar in Selected Topics. 3 Credits.**

Intensive exploration and discussion of selected topics in philosophy.

**Requisites:** Prerequisite, one previous PHIL course.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 390H. Seminar in Selected Topics. 3 Credits.**

Intensive exploration and discussion of selected topics in philosophy.

**Requisites:** Prerequisite, one previous PHIL course.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 396. Directed Readings. 1-3 Credits.**

Permission of the instructor. See the director of undergraduate studies of the department.

**Requisites:** Prerequisite, one previous PHIL course.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 397. Colloquium for Philosophy Majors. 3 Credits.**

Students will present papers on selected topics for critical discussion.

Recommended for philosophy majors in their junior year.

**Requisites:** Prerequisite, one previous PHIL course.

**Gen Ed:** CI.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PHIL 411. Aristotle. 3 Credits.**

An examination of some representative works of Aristotle, with reference to common emphases and basic problems, together with an analysis of their philosophic content.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 412. Plato. 3 Credits.**

An examination of some representative works in the context of contemporary scholarship.

**Gen Ed:** WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 415. Medieval Philosophy. 3 Credits.**

An intensive study of some medieval philosophical author (e.g., Aquinas, Scotus, or Ockham) or topic (e.g., arguments for the existence of God, universals, knowledge of individuals).

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 421. Rationalism. 3 Credits.**

An in-depth study of such rationalist philosophers as Descartes, Spinoza, and Leibniz.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 422. Empiricism. 3 Credits.**

An in-depth study of such empiricist philosophers as Locke, Berkeley, and Hume.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 423. Kant's Theoretical Philosophy. 3 Credits.**

An intensive introduction to Kant's accounts of space, time, concepts, perception, substance, causation, and the thinking self through a careful study of his masterwork, *The Critique of Pure Reason*.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 424. Kant's Practical Philosophy. 3 Credits.**

This course studies closely Kant's practical philosophy, dedicated to understanding and assessing the answers that Kant gives to classic questions of practical philosophy, such as: What does morality demand from us? What is the morally right course of action? Is morality objective? Do moral norms depend on God?

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 427. Hegel. 3 Credits.**

In-depth study of Hegel's systematic philosophy emphasizing its roots in Kant's critical philosophy. Primary focus on *Phenomenology of Spirit*, supplemented by selections from the *Encyclopedia* and *Philosophy of Right*.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 428. History of American Philosophy. 3 Credits.**

An in-depth study of American contributions to philosophy, including for example the transcendentalists, the pragmatists, Quine, Rorty, and others.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 432. The Beginnings of Analytic Philosophy. 3 Credits.**

Two courses in philosophy other than PHIL 155 strongly recommended. Frege, Russell, Moore, and Wittgenstein among others are considered.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 433. Current Issues in Analytic Philosophy. 3 Credits.**

Two courses in philosophy other than PHIL 155 strongly recommended. Recent work in epistemology and metaphysics.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 440. Philosophy of Mind. 3 Credits.**

At least two courses in philosophy other than PHIL 155, including PHIL 340, strongly recommended. An examination of dualism, behaviorism, the identity theory, and forms of functionalism with special focus on the problems of mental aboutness and the problems of consciousness.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 445. Philosophy of Language. 3 Credits.**

At least two courses in philosophy other than PHIL 155, including PHIL 345, strongly recommended. A study of important contemporary contributions in philosophy of language. Topics include meaning, reference, and truth.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** LING 410, LING 445.

**PHIL 450. Philosophy of Natural Sciences. 3 Credits.**

An in-depth survey of general issues in contemporary philosophy of natural science intended for advanced philosophy students. Topics include confirmation, explanation, theory-choice, realism, reduction.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 451. Philosophy of Physics. 3 Credits.**

Topics may include the nature of space and time, the ontological status of fields and energy, or causation and locality in quantum physics.

**Gen Ed:** PL.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 452. Philosophy of Biology. 3 Credits.**

The logical structure of evolutionary theory, fitness, taxonomy, the notion of a living thing, reductionism, evolutionary explanations, teleology.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 453. Philosophy of Psychology. 3 Credits.**

Topics may include reasoning, the relationship between language and thought, concepts, moral cognition, and emotions.

**Gen Ed:** SS.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 454. Philosophy, History, and the Social Sciences. 3 Credits.**

The nature of historical explanation, structural and functional explanation, the weighing of historical testimony, the concept of meaning, normative judgments and predictions in the social sciences.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 455. Symbolic Logic. 3 Credits.**

Introduction for graduates and advanced undergraduates.

**Gen Ed:** QR.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** LING 455.

**PHIL 456. Advanced Symbolic Logic. 3 Credits.**

Presupposes propositional and quantificational logic as a basis of further deductive development with special attention to selected topics: alternative systems, modal and deontic logic, inductive logic, the grammar of formalized languages, paradoxes, and foundations of mathematics.

**Requisites:** Prerequisite, PHIL 455.

**Gen Ed:** QI.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PHIL 457. Set Theory and Logic. 3 Credits.**

Natural and real numbers. Infinite cardinal and ordinal numbers. Alternative axiom systems and their consistency problems.

**Requisites:** Prerequisite, PHIL 455; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 459. Philosophy of Mathematics. 3 Credits.**

Philosophical problems concerning logic and the foundation of mathematics.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 460. History of Moral Philosophy. 3 Credits.**

Examination of classic texts of Plato, Aristotle, Aquinas, Hobbes, Butler, Hume, Kant, and Mill. Selections may vary from year to year.

**Requisites:** Prerequisite, Two courses in philosophy other than PHIL 155, including PHIL 360, strongly recommended.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 462. Contemporary Moral Philosophy. 3 Credits.**

Advanced discussion of moral issues such as fact and value, reason and morality, the nature of morality.

**Requisites:** Prerequisite, two courses in philosophy other than PHIL 155, including PHIL 362.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 463. Contemporary Moral and Social Problems. 3 Credits.**

Two courses in philosophy other than PHIL 155 strongly recommended.

A detailed examination of one or more of the following contemporary issues: environmental ethics, animal rights, abortion, euthanasia, pornography, racism, sexism, public versus private morality.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 465. Justice in Health Care. 3 Credits.**

One course in philosophy strongly recommended. Medical students welcome. The course will focus on the question of how scarce health care resources ought to be distributed in order to meet the demands of justice.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 468. Risk and Society. 3 Credits.**

One additional course in philosophy strongly recommended. The course examines attitudes toward risk and how they affect our preferences for different public policies in the areas of environmental protection, technology regulation, and workplace and product safety.

**Requisites:** Prerequisite, PHIL 155.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 470. Political Philosophy from Hobbes to Rousseau. 3 Credits.**

Two courses in philosophy other than PHIL 155, including PHIL 170 or 370, strongly recommended. Explores the foundations of justice and authority in the idea of contract or covenant, the nature of law, rights, liberty, and democracy in the work of Hobbes, Locke, Hume, Rousseau.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 471. Hegel, Marx, and the Philosophical Critique of Society. 3 Credits.**

An examination of central issues in social and political philosophy as they figure in the work of Hegel, Marx, Nietzsche, and others.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 473. American Political Philosophy. 3 Credits.**

One course in philosophy other than PHIL 155 strongly recommended. Juniors and seniors only. The issue of unity and diversity in America is analyzed through the writings of Jefferson, the Federalists and Anti-Federalists, Calhoun, Mackinnon, DuBois, and Rawls.

**Gen Ed:** US.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 474. Foundations of Modern Political Philosophy. 3 Credits.**

This course traces the emergence and development of central themes of modern political philosophy from the 13th through the 17th century.

**Requisites:** Prerequisite, PHIL 170.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 475. Philosophical Issues in Gender, Race, and Class. 3 Credits.**

Examines in greater depth and complexity one or more of the issues addressed in PHIL 275, investigating issues of gender, race, and class within the dominant theories of philosophy.

**Requisites:** Prerequisite, PHIL 275 or WGST 101.

**Gen Ed:** US.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** WGST 475.

**PHIL 476. Recent Developments in Political Philosophy. 3 Credits.**

Two courses in philosophy other than PHIL 155, including PHIL 370, strongly recommended. Investigation of major contemporary contributors (Rawls, Nozick, Dworkin, Cohen, Waldron, Arrow) to philosophical debate concerning justice, equality, liberty, democracy, public reason, or rights versus community.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 480. Philosophy of Law. 3 Credits.**

An exploration of whether and under what conditions the state has the right to control crime by punishment of past crimes and preventive detention to prevent future crimes.

**Gen Ed:** PH.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 482. Philosophy and Literature. 3 Credits.**

Philosophical readings of literary texts, including novels, plays, and poems.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** CMPL 482.

**PHIL 485. Philosophy of Art. 3 Credits.**

Competing theories of art and art criticism. The relationship between art and emotional expression, the formal character of art, and standards of taste.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 491. Health Care, Science, and Philosophy. 3 Credits.**

Interdisciplinary course to develop critical thinking capacities through philosophical study of the nature of scientific presuppositions and concepts, including events, causality, and determinism, with specific application to health care issues.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 494. Existentialism and Phenomenology. 3 Credits.**

A study of one or two major systematic works by Sartre, Heidegger, or Merleau-Ponty.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHIL 496. Advanced Directed Studies. 1-3 Credits.**

Permission of the director of undergraduate studies. Advanced independent work in philosophy.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PHIL 562. Ethics, Responsibility, and Justice. 1 Credit.**

Ethics explores obligations to act in the interest of others as well as ourselves. Justice explores the ways people should organize and govern themselves. Course addresses such questions as, What principles govern our relationships with other people? What do we owe others and ourselves? How should we treat other people?

**Repeat rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**PHIL 691H. Courses for Honors. 3 Credits.**

Permission of the director of undergraduate studies. See the director of undergraduate studies of the department.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PHIL 692H. Courses for Honors. 3 Credits.**

Permission of the director of undergraduate studies. See the director of undergraduate studies of the department.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**PHIL 698. Philosophy, Politics, and Economics: Capstone Course. 3 Credits.**

Permission of the department. This capstone course advances PHIL 384, focusing on such theoretical and philosophical issues as the analysis of rights or distributive justice and the institutional implications of moral forms.

**Requisites:** Prerequisite, PHIL 384.

**Grading status:** Letter grade

**Same as:** ECON 698, POLI 698.

## Philosophy Major, B.A.

### Contact Information

**Department of Philosophy**

Visit Program Website (<http://philosophy.unc.edu>)

Caldwell Hall, 240 East Cameron Ave., CB# 3125

(919) 962-7291

**Marc Lange, Chair**

[mlange@email.unc.edu](mailto:mlange@email.unc.edu)

**Mariska Leunissen, Director of Undergraduate Studies**

[mleunissen@unc.edu](mailto:mleunissen@unc.edu)

The principal goal of the study of philosophy is to enable students to think more clearly, deeply, and appreciatively about themselves and their world. Study of philosophy enhances analytical, critical, and interpretive capacities that are applicable to any subject matter in almost any context. It provides many opportunities for expressing oneself, for reflecting on questions that human beings have pondered for millennia, for exchanging reasoned beliefs and engaging in focused debate, and for learning how to come to terms with problems for which there are no easy answers. A good philosophical education also helps to prepare students for responsible and intelligent participation in political and community affairs.

## Department Programs

### Major

- Philosophy Major, B.A. (p. 729)

### Minors

- Philosophy Minor (p. 731)
- Philosophy, Politics, and Economics (PPE) Minor (p. 732)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)

## Student Learning Outcomes

Upon completion of the philosophy program, students should be able to:

- Deploy philosophical concepts and terminology correctly, in either a historical or contemporary setting
- Represent clearly and accurately the views or argument of a particular philosopher, in either an historical or contemporary setting
- Identify the premises and conclusion(s) of a philosophical argument and assess both its validity and soundness
- Apply a philosophical theory or argument to a new topic, and to draw and defend reasonable conclusions about that topic
- Develop an argument for a particular solution to a philosophical problem in either an historical or contemporary setting

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Nine PHIL courses, at least six of which are numbered above 199		27
The nine courses must include at least one course in three of the following four distribution areas:		
	History of philosophy: courses above 100 with a second digit of 1 or 2	
	Metaphysics, epistemology, philosophy of mind, and philosophy of language: courses above 100 with a second digit of 3 or 4	
	Logic and philosophy of science: courses above 100 with a second digit of 5	
	Value theory: courses above 100 with a second digit of 6, 7, or 8	
Total Hours		27

Philosophy (PHIL) course descriptions (p. 720).

While first-year seminars may be used in the major core, they are numbered below 100, and their second digits do not correspond to the four distribution areas above.

Within the framework of the major, students can elect a prelaw concentration designed specifically for those planning on pursuing a career in law. Professor Postema, who also holds an appointment in the School of Law, is available to advise those electing this concentration.

## Special Opportunities in Philosophy

### Honors in Philosophy

Students majoring in philosophy who have at least a 3.3 grade point average and a 3.5 grade point average within the major may be eligible to write an honors thesis during their senior year. Students writing honors theses take two semesters of honors thesis coursework; PHIL 691H and PHIL 692H contribute toward fulfilling major requirements but cannot be applied toward a distribution area. Students registered for PHIL 692H will meet periodically as a group, organized by the director of undergraduate studies, to present and discuss their research in progress. Departmental approval is required. Interested students are encouraged to contact the director of undergraduate studies for more information.

### Philosophy Outreach Program

The Philosophy Outreach Program provides students with many exciting opportunities to put their philosophical education to use in their communities. Outreach volunteers teach philosophy to students in local elementary and secondary schools, lead discussions with senior citizens in retirement communities, and participate in a variety of topical public events. For more information, please contact Outreach Coordinator Steven Swartzter ([swartzter@email.unc.edu](mailto:swartzter@email.unc.edu)) or visit the Web site (<http://www.philosophy.unc.edu/outreach>).

### Undergraduate Philosophy Club

This group meets weekly to discuss topics of interest and the work of current faculty members. The club sponsors an annual undergraduate philosophy symposium. Detailed information is available on the program's Web site (<http://philosophy.unc.edu/undergraduate-program/philosophy-club>).

### Phi Sigma Tau

The Eta Chapter of the international honor society in philosophy is open to students who have completed a minimum of three semesters, have completed at least two philosophy courses, have a minimum 3.5 grade point average in their philosophy courses, and have a cumulative 3.2

Hours grade point average.

### Take a Philosopher to Lunch

Every semester, the Department of Philosophy sponsors the Take a Philosopher to Lunch program, where groups of two to three students can invite their philosophy instructor to lunch anywhere within walking distance of the department, and the department will pay the bill (up to \$10 per person). To sign up, contact the director of undergraduate studies, Mariska Leunissen ([mleunissen@unc.edu](mailto:mleunissen@unc.edu)), with the names of the two or three students doing the inviting, and she will let you know whether there are still funds left. Then invite the Department of Philosophy member of your choice.



## Study Abroad

The Department of Philosophy enjoys close relations with a number of departments in Australia, New Zealand, and the United Kingdom and is willing and able to work closely with the Study Abroad Office to arrange opportunities for study in these and other countries.

## Undergraduate Research

There are opportunities for students to work closely with faculty members in the Department of Philosophy on individual research projects. This usually takes the form of an honors thesis project. It may also be done as a directed readings course.

## Speaker Series

The Department of Philosophy sponsors a series of talks given by distinguished philosophers from around the world, as well as work-in-progress talks by faculty members and graduate students. All students are welcome to attend all of these talks. The schedule can be found online (<http://philosophy.unc.edu/events/category/department-talk>).

## Undergraduate Symposium

The Philosophy Club and Phi Sigma Tau coordinate a student conference of selected papers. The one-day conference is set in the format of a professional conference during which students have an opportunity to present their research.

## Intercollegiate Ethics Bowl

The Intercollegiate Ethics Bowl provides students with a unique opportunity to practice applying the moral theories and argumentation principles learned in their ethics classes. The team sent to the Ethics Bowl competition will be selected from those registered in the course. For more information, contact Dominique Déry, director of the National High School Ethics Bowl, at (919) 962-2576 or [dominique.dery@unc.edu](mailto:dominique.dery@unc.edu).

## Leshner Opportunity Fund

The James and Eleanor Leshner Educational Opportunity in Philosophy Fund provides undergraduates with support to attend conferences, study abroad, develop language skills, or pursue other special opportunities.

Thanks to a very generous gift from James and Eleanor Leshner, we now have an endowment to help undergraduates studying philosophy (typically, but not necessarily, philosophy majors) take advantage of special opportunities as they arise. The mandate for the fund is broad in conception.

This year we expect to make either one or two awards, totaling \$500 in value, each semester. The exact number and amount of the awards will depend on the applications we receive.

The deadline for fall applications is October 30, and the deadline for spring applications is March 1.

To apply, please send a letter to the director of undergraduate studies, Professor Mariska Leunissen (<https://philosophy.unc.edu/people/mariska-leunissen>). The letter should include your name, e-mail address, PID number, the amount of funding you would need to take advantage of your opportunity, a description of what you would use the funds for and when, and a description of how taking advantage of this opportunity would support your study of philosophy.

# Philosophy Minor

## Contact Information

### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

### Marc Lange, Chair

[mlange@email.unc.edu](mailto:mlange@email.unc.edu)

### Mariska Leunissen, Director of Undergraduate Studies

[mleunissen@unc.edu](mailto:mleunissen@unc.edu)

The principal goal of the study of philosophy is to enable students to think more clearly, deeply, and appreciatively about themselves and their world. Study of philosophy enhances analytical, critical, and interpretive capacities that are applicable to any subject matter in almost any context.

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### Graduate Programs

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- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
	Five philosophy (PHIL) courses, including at least one course in each of three of the four areas listed below. <sup>1</sup>	15
	History of philosophy: courses above 100 with "1" or "2" as the middle digit <sup>2</sup>	
	Metaphysics, epistemology, philosophy of mind, and philosophy of language: courses above 100 with "3" or "4" as the middle digit <sup>3</sup>	
	Logic and philosophy of science: courses above 100 with "5" as the middle digit <sup>4</sup>	

Value theory: courses above 100 with "6," "7," or "8" as the middle digit<sup>5</sup>

Total Hours 15

- <sup>1</sup> No more than three courses may be numbered 199 or below.
- <sup>2</sup> Examples include PHIL 110, PHIL 210, PHIL 220.
- <sup>3</sup> Examples include PHIL 134, PHIL 230, PHIL 340.
- <sup>4</sup> Examples include PHIL 150, PHIL 355.
- <sup>5</sup> Examples include PHIL 160, PHIL 275, PHIL 381.

Philosophy (PHIL) course descriptions (p. 720).

See the program page here (p. 729) for special opportunities.

## Philosophy, Politics, and Economics (PPE) Minor

### Contact Information

#### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

#### Geoffrey Sayre-McCord, PPE Program Director

[sayre-mccord@unc.edu](mailto:sayre-mccord@unc.edu)

#### Sarah Huener, PPE Program Coordinator

[huener@email.unc.edu](mailto:huener@email.unc.edu)

#### Marc Lange, Chair

[mlange@email.unc.edu](mailto:mlange@email.unc.edu)

#### Mariska Leunissen, Director of Undergraduate Studies

[mleunissen@unc.edu](mailto:mleunissen@unc.edu)

Our world is shaped by a variety of formal and informal institutions that have a profound impact on our lives. Understanding how they work, appreciating their interactions, seeing their impact, and being able to assess their value are crucial. With this in mind, the philosophy, politics, and economics (PPE) minor trains students to look beyond the borders of academic disciplines by offering them an integrated study of philosophy, politics, and economics.

## Department Programs

### Major

- Philosophy Major, B.A. (p. 729)

### Minors

- Philosophy Minor (p. 731)
- Philosophy, Politics, and Economics (PPE) Minor (p. 732)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The PPE minor requires five courses:

Code	Title	Hours
<b>Requirements</b>		
PHIL/POLI/ECON 384	Introduction to Philosophy, Politics, and Economics (gateway course)	3
PHIL/POLI/ECON 698	Philosophy, Politics, and Economics: Capstone Course (capstone seminar)	3
One philosophy course chosen from:		3
PHIL 160	Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	
PHIL 163	Practical Ethics <sup>H</sup>	
PHIL 164	Morality and Business	
PHIL 165	Bioethics <sup>H</sup>	
PHIL 170	Social Ethics and Political Thought <sup>H</sup>	
PHIL 272	The Ethics of Peace, War, and Defense	
PHIL 273	Philosophical Perspectives on Justice	
PHIL 280	Morality and Law <sup>H</sup>	
PHIL 364	Ethics and Economics	
PHIL 370	Political Philosophy	
PLCY 71	First-Year Seminar: Justice and Inequality	
PLCY 340	Justice in Public Policy <sup>H</sup>	
One political science course chosen from:		3
PLCY 352H	Honors Seminar on Public Policy and Global Affairs	
POLI 130	Introduction to Comparative Politics <sup>H</sup>	
POLI 270	Classical Political Thought <sup>H</sup>	
POLI 271	Modern Political Thought <sup>H</sup>	
POLI 288	Strategy and Politics	
POLI 401	Political Economy I: The Domestic System	
POLI 442	International Political Economy	
POLI 470	Social and Political Philosophy <sup>H</sup>	
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	
One economics course chosen from:		3
ECON 101	Introduction to Economics <sup>H</sup>	
ECON 234	Survey of the History of Economic Thought	
ECON 267	Comparative Economic Systems	
ECON 434	History of Economic Doctrines	
ECON 454	Economics of Population	
ECON 460	International Economics	
ECON 510	Advanced Microeconomic Theory <sup>H</sup>	
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	

Total Hours 15

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Please note that, although they are not listed above in the political science course section, HNRS 354 (Elements of Politics) and HNRS 470 (Commerce and Civilization) may count toward the politics core discipline of the PPE minor. A Tar Heel Tracker adjustment is required.

Detailed information is available on the program's Web site (<http://ppe.unc.edu>).

The Philosophy, Politics, and Economics program offers extensive extracurricular programming including an active speakers series, intensive weekend seminars, and semester-long reading groups that meet once a week for eight weeks over dinner. See the PPE program Web site (<https://ppe.unc.edu>) for details.

# DEPARTMENT OF PHYSICS AND ASTRONOMY

## Contact Information

### Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)

Phillips Hall, CB# 3255

(919) 962-2078

### Christian Iliadis, Chair

### Jhon T. Cimmino, Academic Affairs Coordinator, Physics and Astronomy

[jhonc@email.unc.edu](mailto:jhonc@email.unc.edu)

### Frank Tsui, Director of Undergraduate Studies

[ftsui@physics.unc.edu](mailto:ftsui@physics.unc.edu)

### Lu-Chang Qin, Physics Advisor (students with last names beginning with A–F)

[lcqin@email.unc.edu](mailto:lcqin@email.unc.edu)

### Dan Reichart, Physics Advisor (students with last names beginning with G–I, and Astrophysics and Astronomy majors and minors)

[reichart@email.unc.edu](mailto:reichart@email.unc.edu)

### Jennifer Weinberg-Wolf, Physics Advisor (students with last names beginning with J–R)

[jweinber@physics.unc.edu](mailto:jweinber@physics.unc.edu)

### Reyco Henning, Physics Advisor (students with last names beginning with S–Z, and Quantitative Finance majors)

[rhenning@unc.edu](mailto:rhenning@unc.edu)

## Introduction

The goal of physics and astronomy is a unified description of the properties of matter and energy. The study of matter and energy encompasses a range of phenomena, from the subnuclear to the cosmological. Physics seeks to understand the way the universe “works,” from the very small scale (quarks and neutrinos) to the human scale (materials encountered in daily life) to the very large (the structure of the cosmos). Different approaches and technologies are used in these different regimes.

The areas of active research at UNC–Chapel Hill can be divided into nuclear physics and nuclear astrophysics, condensed matter and materials physics, field and particle physics, astronomy and astrophysics, and biophysics. Often the separation between subfields is not as distinct as it appears. For example, nuclear and particle physics are used to address questions in astrophysics. As scientists have learned more about the universe, they have realized that even the boundaries between the sciences have blurred. Today, physics shares interests with biology, chemistry, and computer science. Physicists are also responsible for the invention of much of our modern technology, including computers, lasers, medical imaging devices such as MRI and ultrasound, nuclear reactors, and the World Wide Web.

Physics has played a significant role in shaping modern society and culture, and some knowledge of physics is essential to fully appreciate the world. As the frontiers of physics and astronomy have advanced, old questions have been answered or refined, new questions have been asked, and major surprises have been encountered. The joy of doing

physics is “to see a world in a grain of sand and a heaven in a wild flower, hold infinity in the palm of your hand and eternity in an hour” (William Blake).

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department’s director of undergraduate studies and faculty advisors work with current and prospective majors by appointment (see contact information above). Faculty advisors are assigned to all physics majors and minors, and they assist students in a variety of physics related areas, including physics course planning, undergraduate research opportunities, the honors program, internships, career opportunities, and graduate school and fellowship applications. Physics majors are required to meet with their departmental advisor by appointment prior to registering for any semester beyond the fourth term in residence. Further information may be obtained from the department’s Web site under the Undergraduate Program (<http://physics.unc.edu/undergraduate-program>).

## Graduate School and Career Opportunities

Employers know that physicists understand how to think and reason effectively about the world, which equips them to solve unconventional challenging problems. Over 90 percent of physics majors do something other than teach and conduct research at a university. Physics will prepare you to pursue anything from medicine to energy to business. The American Institute of Physics’ Career Resources (<http://aip.org/career-resources>) site provides useful information about the careers of physics bachelor’s degree recipients, including who is hiring them in North Carolina.

Those who are considering going on to graduate school in physics, astronomy, and other physical science and engineering fields, should contact one of the physics advisors. Those who are considering marine sciences as a graduate specialty should consult the material under the Department of Marine Sciences. Those who plan careers in health sciences, including dentistry, medicine, and veterinary medicine, should consult advisors in the Health Professions Advising Office in Hanes Hall. Those interested in science teaching can take the educational coursework required for a high school science teaching license through the UNC Baccalaureate Education in Science and Teaching (UNC–BEST (<http://unc.edu/uncbest>)) program.

### Majors

- Physics Major, B.A. (p. 742)
- Physics Major, B.S. (p. 748)

### Minors

- Astronomy Minor (p. 753)
- Physics Minor (p. 753)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)

## Professors

Gerald N. Cecil, Arthur E. Champagne, James Christopher Clemens, Louise A. Dolan, Jonathan H. Engel, Charles R. Evans, Reyco Henning, Christian G. Iliadis, Robert Victor Janssens, Dmitri V. Khveshchenko, Rene Lopez, Jianping Lu, Laurie E. McNeil, Yee Jack Ng, Lu-Chang Qin, Dan Reichart, Frank Tsui, Sean Washburn, John Wilkerson, Yue Wu, Otto Zhou.

## Associate Professors

Fabian Heitsch, Sheila Kannappan, Laura Mersini-Houghton, Amy Lynn Oldenburg.

## Assistant Professors

Rosa Tamara Branca, Joaquin Emiliano Drut, Adrienne Lynn Erickcek, Nicholas M. Law, Amy Nicole Nicholson.

## Research Professors

Michael Falvo, Alfred Kleinhammes.

## Research Associate Professors

David B. Hill, Edward Timothy O'Brien III.

## Teaching Associate Professors

Alice D. Churukian, Duane L. Deardorff.

## Teaching Assistant Professors

Stefan Jeglinski, Colin Wallace, Jennifer R. Weinberg-Wolf, Daniel Edward Young.

## Lecturer

Ted Gwyn Oakley.

## Adjunct Professors

Steven Mark Christensen, Brand Fortner, Richard T. Hammond, David Clarke Radford, Ryan M. Rohm, Gregory Clayton Sloan, Rachel Lofsky Smith, Jie Tang.

## Adjunct Assistant Professor

Thomas Osburn.

## Professors Emeriti

Charles V. Briscoe, Bruce Carney, Sang-Il Choi, Wayne Christiansen, Thomas Clegg, Kian S. Dy, John P. Hernandez, William M. Hooke, Paul S. Hubbard, Hugon J. Karwowski, Horst Kessemeier, Edward J. Ludwig, J. Ross Macdonald, Nalin Parikh, James A. Rose, Lawrence G. Rowan, Dietrich Schroerer, Lawrence M. Slifkin, William J. Thompson, James W. York Jr.

## ASTR–Astronomy

### Undergraduate-level Courses

#### ASTR 61. First-Year Seminar: The Copernican Revolution. 3 Credits.

This seminar explores the 2,000-year effort to understand the motion of the sun, moon, stars, and five visible planets. Earth-centered cosmos gives way to the conclusion that earth is just another body in space. Cultural changes accompany this revolution in thinking.

**Gen Ed:** PL, NA, WB.

**Grading status:** Letter grade

**Same as:** PHYS 61.

#### ASTR 63. First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics. 3 Credits.

Physics is often seen as the most precise and deterministic of sciences. Determinism can break down, however. This seminar explores the rich and diverse areas of modern physics in which "unpredictability" is the norm.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** PHYS 63.

#### ASTR 63H. First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics. 3 Credits.

Physics is often seen as the most precise and deterministic of sciences. Determinism can break down, however. This seminar explores the rich and diverse areas of modern physics in which "unpredictability" is the norm.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** PHYS 63H.

#### ASTR 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### ASTR 101. Introduction to Astronomy: The Solar System. 3 Credits.

Celestial motions of the earth, sun, moon, and planets; nature of light; ground and space-based telescopes; comparative planetology; the earth and the moon; terrestrial and gas planets and their moons; dwarf planets, asteroids, and comets; planetary system formation; extrasolar planets; the search for extraterrestrial intelligence (SETI).

**Gen Ed:** PX.

**Grading status:** Letter grade.

#### ASTR 101L. Introduction to Astronomy Laboratory: Our Place in Space. 1 Credit.

Observing with robotic telescopes in Chile, Australia, and around the world: planets, dwarf planets, moons, asteroids, binary and variable stars, supernovae, star-forming regions, star clusters, and galaxies; the seasons, the Galilean revolution; the cosmic distance ladder; the Great Debate; dark matter; Hubble's Law; dark energy.

**Requisites:** Pre- or corequisite, ASTR 101.

**Grading status:** Letter grade.

#### ASTR 101H. Introduction to Astronomy: The Solar System. 3 Credits.

Celestial motions of the earth, sun, moon, and planets; nature of light; ground and space-based telescopes; comparative planetology; the earth, the moon; terrestrial and gas planets and their moons; dwarf planets; asteroids; comets; planetary system formation; extrasolar planets; the search for extraterrestrial intelligence (SETI).

**Gen Ed:** PX.

**Grading status:** Letter grade.



**ASTR 102. Introduction to Astronomy: Stars, Galaxies & Cosmology. 3 Credits.**

The sun, stellar observables, star birth, evolution, and death, novae and supernovae, white dwarfs, neutron stars, black holes, the Milky Way galaxy, normal galaxies, active galaxies and quasars, dark matter, dark energy, cosmology, early universe.

**Requisites:** Prerequisite, ASTR 101, or pre- or co-requisite, PHYS 117 or 119; Permission of the instructor for students lacking the pre- or co-requisites.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ASTR 102H. Introduction to Astronomy: Stars, Galaxies & Cosmology. 3 Credits.**

The sun, stellar observables, star birth, evolution, and death, novae and supernovae, white dwarfs, neutron stars, black holes, the Milky Way galaxy, normal galaxies, active galaxies and quasars, dark matter, dark energy, cosmology, early universe.

**Requisites:** Prerequisite, ASTR 101, or pre- or co-requisite, PHYS 117 or 119; Permission of the instructor for students lacking the pre- or co-requisites.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**ASTR 105H. Time, Tides, and the Measurement of the Cosmos. 3 Credits.**

This course is focused on medieval foundations of modern cosmology and is designed to take advantage of the opportunities available for enriched learning in England. The course is problem-based, e.g. How did people reckon calendars, time, and tides, both for navigation and daily life, before clocks and the printed word?

**Gen Ed:** PL, WB.

**Grading status:** Letter grade.

**ASTR 105. Time, Tides, and the Measurement of the Cosmos. 3 Credits.**

This course is focused on medieval foundations of modern cosmology and is designed to take advantage of the opportunities available for enriched learning in England. The course is problem-based, e.g. How did people reckon calendars, time, and tides, both for navigation and daily life, before clocks and the printed word?

**Gen Ed:** PL, WB.

**Grading status:** Letter grade.

**ASTR 111L. Educational Research in Radio Astronomy. 1 Credit.**

Permission of the instructor. One-week field experience at the National Radio Astronomy Observatory in Green Bank, WV, for experiential education (EE) credit. Observing with radio telescopes and antennae: supernova remnants, star-forming regions, normal and active galaxies, quasars, solar system objects (sun, moon, Jupiter), radio spectroscopy.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**ASTR 202. Introduction to Astrophysics. 3 Credits.**

This introductory astrophysics course will focus on the use of classical mechanics, gravitational physics, and the physics of radiation to interpret and explain astronomical observations. Course covers stellar structure, stellar formation and evolution, galaxies, and cosmology with an emphasis on quantitative problem solving.

**Requisites:** Pre- or corequisite, PHYS 119.

**Grading status:** Letter grade.

**ASTR 205. The Medieval Foundations of Modern Cosmology. 3 Credits.**

This course will examine science as it emerged and developed in the West starting in the 13th century. We will use example problems from cosmology that are relevant today.

**Gen Ed:** PL, WB.

**Grading status:** Letter grade.

**ASTR 301. Stars, Galaxies, and Cosmology. 1 Credit.**

Pre- or Permission of the instructor for students lacking the prerequisites. Stellar observables; galaxies; novae; cosmology; the early universe. This one-credit course can be taken with ASTR 102 for students who wish to major or minor in astrophysics.

**Requisites:** co-requisites, ASTR 102, and PHYS 117 or 119;

**Grading status:** Letter grade.

**ASTR 390. Research and Special Topics for Juniors and Seniors. 1-12 Credits.**

Permission of the instructor. To be taken by honors candidates and other qualified juniors and seniors.

**Gen Ed:** QI.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ASTR 501. Astrophysics I (Stellar Astrophysics). 3 Credits.**

An introduction to the study of stellar structure and evolution. Topics covered include observational techniques, stellar structure and energy transport, nuclear energy sources, evolution off the main-sequence, and supernovae.

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, MATH 383, and PHYS 331; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**ASTR 502. Astrophysics II (Modern Research in Astrophysics). 3 Credits.**

An introduction to modern research in astrophysics based on scientific journal articles addressing a current topic of interest in galactic or extragalactic astrophysics, including training in computer modeling and statistical analysis, culminating in the completion of a research project.

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, and MATH 383; pre- or corequisite, PHYS 331.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ASTR 503. Structure and Evolution of Galaxies. 3 Credits.**

Overview of the structure and evolution of galaxies, with emphasis on learning and applying modern research methods such as scientific literature review and computational astrostatistics. Includes galaxy morphology and dynamics, star formation, active galactic nuclei, galaxy interactions, large-scale clustering, environment-dependent physical processes, and the evolution of the galaxy population over cosmic time.

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, MATH 383, and PHYS 331.

**Grading status:** Letter grade.

**ASTR 504. Cosmology. 3 Credits.**

An introduction to modern cosmology: the study of the contents and evolution of the universe. Covers expanding spacetime, the thermal history of the early universe, including nucleosynthesis and the cosmic microwave background, the inflationary model for the origins of cosmic structure, and the growth of that structure through time.

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, and PHYS 401; pre- or corequisite, PHYS 321.

**Grading status:** Letter grade.

**ASTR 505. Physics of Interstellar Gas. 3 Credits.**

Surveys the physical processes governing the interstellar medium (ISM), which takes up the "refuse" of old stars while providing fuel for young stars forming. Covers the processes regulating the galactic gas budget and the corresponding observational diagnostics. Topics: radiative transfer, line formation mechanisms, continuum radiation, gas dynamics, star formation.

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, MATH 383, and PHYS 331.

**Grading status:** Letter grade.

**ASTR 519. Observational Astronomy. 4 Credits.**

A course designed to familiarize the student with observational techniques in optical and radio astronomy, including application of photography, spectroscopy, photometry, and radio methods. Three lecture and three laboratory hours a week.

**Requisites:** Prerequisite, ASTR 102 or 202; pre- or corequisite, PHYS 331; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

## PHYS–Physics Undergraduate-level Courses

**PHYS 50. First-Year Seminar: Time and the Medieval Cosmos. 3 Credits.**

This course introduces first-year students to the basic motions of the solar system as viewed from the Earth along with the mechanical and mathematical models used to reproduce them, while exploring the history of medieval and early modern education, theology, and natural philosophy.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** HIST 50.

**PHYS 51. First-Year Seminar: The Interplay of Music and Physics. 3 Credits.**

Acoustics and music from a practical standpoint.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** MUSC 51.

**PHYS 52. First-Year Seminar: Making the Right Connections. 3 Credits.**

This seminar investigates the multiple roles that computers and microprocessors perform in scientific investigations and the impact of technological advances on society. Students perform experiments, take field trips to research laboratories, and gain hands-on experience with computer-based instrumentation.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**PHYS 53. First-Year Seminar: Handcrafting in the Nanoworld: Building Models and Manipulating Molecules. 3 Credits.**

This seminar provides a general introduction to nanoscience and nanotechnology, focusing on recent advances in molecular electronics, nanomaterials, and biomedical research. Course activities include group model-building projects, presentations, and discussions of reading material.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PHYS 54. First-Year Seminar: Physics of Movies. 3 Credits.**

Students watch and analyze short movie clips that demonstrate interesting, unusual, or impossible physics. Group analysis emphasized.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PHYS 61. First-Year Seminar: The Copernican Revolution. 3 Credits.**

This seminar explores the 2,000-year effort to understand the motion of the sun, moon, stars, and five visible planets. Earth-centered cosmos gives way to the conclusion that earth is just another body in space. Cultural changes accompany this revolution in thinking.

**Gen Ed:** PL, NA, WB.

**Grading status:** Letter grade

**Same as:** ASTR 61.

**PHYS 63. First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics. 3 Credits.**

Physics is often seen as the most precise and deterministic of sciences. Determinism can break down, however. This seminar explores the rich and diverse areas of modern physics in which "unpredictability" is the norm.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** ASTR 63.

**PHYS 63H. First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics. 3 Credits.**

Physics is often seen as the most precise and deterministic of sciences. Determinism can break down, however. This seminar explores the rich and diverse areas of modern physics in which "unpredictability" is the norm.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade

**Same as:** ASTR 63H.

**PHYS 89. First-Year Seminar: Special Topics. 3 Credits.**

Special Topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PHYS 100. How Things Work. 3 Credits.**

Demystifying the working of objects such as CD players, microwave ovens, lasers, computers, roller coasters, rockets, light bulbs, automobiles, clocks, copy machines, X-ray and CAT-scan machines, and nuclear reactors.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PHYS 101. Basic Concepts of Physics. 4 Credits.**

Basic principles of physics with introduction to quantum physics, atoms, nuclei, and relativity. Not to be taken for credit after PHYS 104-105 or 114-115 or 116-117 or 118-119. Three lecture and two laboratory hours a week.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**PHYS 102. General Physics Lecture I. 3 Credits.**

Lecture portion of 104, awarded as AP credit.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 103. General Physics Lecture II. 3 Credits.**

Lecture portion of 105, awarded as AP credit.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 104. General Physics I. 4 Credits.**

permission of the instructor for students lacking the requisite. Three lecture hours and two laboratory hours a week. Students may not receive credit for both PHYS 104 and PHYS 114, 116, or 118.

**Requisites:** Pre- or corequisite, MATH 130;

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 105. General Physics II. 4 Credits.**

permission of the instructor for students lacking the requisite. Three lecture hours and two laboratory hours a week. Students may not receive credit for both PHYS 105 and PHYS 115, 117, or 119.

**Requisites:** Pre- or corequisite, PHYS 104;

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 106. Inquiry into the Physical World. 4 Credits.**

A hands-on/minds-on approach to learning the basic concepts of physical science. Emphasis will be placed on examining the nature of science, your own learning, and the way scientists learn science.

**Gen Ed:** PX.

**Grading status:** Letter grade.

**PHYS 108. Climate and Energy Transitions: Understanding the Forecasts. 4 Credits.**

This course examines uncertainties in projecting future fossil fuel consumption and impact on global climate by quantifying how effectively alternative power-generation and energy-storage technologies can scale to meet needs in developing and developed nations, and by understanding past and present climates.

**Gen Ed:** PX, GL.

**Grading status:** Letter grade

**Same as:** MASC 108, GEOL 108.

**PHYS 114. General Physics I: For Students of the Life Sciences. 4 Credits.**

Basic principles of physics, including forces, energy, oscillations, sound, diffusion, and heat transfer, and applications to biological systems. Intended to meet the needs of, but not restricted to, students majoring in the life sciences. Students may not receive credit for PHYS 114 in addition to PHYS 104, 116, or 118.

**Requisites:** Prerequisite, MATH 231.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 115. General Physics II: For Students of the Life Sciences. 4 Credits.**

Basic principles of physics, including fluids, electricity, magnetism, optics, quantum physics, and nuclear physics, and applications to biological systems. Intended to meet the needs of, but not restricted to, students majoring in the life sciences. Students may not receive credit for PHYS 115 in addition to PHYS 105, 117, or 119.

**Requisites:** Prerequisite, PHYS 114.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 116. Mechanics. 4 Credits.**

Mechanics of particles and rigid bodies. Newton's laws; conservation principles. Oscillatory and wave motion. Sound. Lecture, recitation, and laboratory. Students may not receive credit for both PHYS 116 and PHYS 104, 114, or 118.

**Requisites:** Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the requisites.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 116H. Mechanics. 4 Credits.**

Mechanics of particles and rigid bodies. Newton's laws; conservation principles. Oscillatory and wave motion. Sound. Lecture, recitation, and laboratory. Students may not receive credit for both PHYS 116 and PHYS 104, 114, or 118.

**Requisites:** Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 117. Electromagnetism and Optics. 4 Credits.**

Electricity and magnetism; laws of Coulomb, Ampere, and Faraday. Electromagnetic oscillations and waves. Light; diffraction and interference. Lecture, recitation, and laboratory. Students may not receive credit for both PHYS 117 and PHYS 105, 115, or 119.

**Requisites:** Prerequisites, MATH 232 and PHYS 116; pre- or corequisite, MATH 233; permission of the instructor for students lacking the requisites.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 117H. Electromagnetism and Optics. 4 Credits.**

Electricity and magnetism; laws of Coulomb, Ampere, and Faraday. Electromagnetic oscillations and waves. Light; diffraction and interference. Lecture, recitation, and laboratory. Students may not receive credit for both PHYS 117 and PHYS 105, 115, and 119.

**Requisites:** Prerequisites, MATH 232 and PHYS 116; pre- or corequisite, MATH 233; permission of the instructor for students lacking the requisites.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 118. Introductory Calculus-based Mechanics and Relativity. 4 Credits.**

Mechanics of particles and rigid bodies. Newton's laws; mechanical and potential energy; mechanical conservation laws; frame-dependence of physical laws; Einstein's Theory of Relativity. Lecture and studio. Students may not receive credit for PHYS 118 in addition to PHYS 104, 114, or 116.

**Requisites:** Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 119. Introductory Calculus-based Electromagnetism and Quanta. 4 Credits.**

Unification of the laws of electricity and magnetism; electromagnetic waves; the particle-wave duality; fundamental principles and applications of quantum mechanics. Lecture and studio. Students may not receive credit for PHYS 119 in addition to PHYS 105, 115, or 117.

**Requisites:** Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 128. Modern Physics. 3 Credits.**

Special relativity theory, black body radiation, photons and electrons; wave particle duality. Elements of atomic theory, nuclei and fundamental particles. Three lecture hours a week.

**Requisites:** Prerequisite, PHYS 117 (or PHYS 105 by permission of the instructor); co-requisite, PHYS 128L.

**Grading status:** Letter grade.

**PHYS 128L. Modern Physics Laboratory. 1 Credit.**

Pre- or Selected modern physics experiments. Written research reports and oral presentations. Three laboratory hours a week.

**Requisites:** co-requisite, PHYS 128.

**Grading status:** Letter grade.

**PHYS 131. Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas. 3 Credits.**

A quantitative exploration of the physical principles behind energy development and use within modern civilization, the stark impact of depleted fossil fuel reserves, and alternative sources.

**Requisites:** Corequisite, PHYS 131L.

**Gen Ed:** PX, QI.

**Grading status:** Letter grade.

**PHYS 131L. Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas. 1 Credit.**

Explore renewable and nonrenewable energy sources. Three laboratory hours per week.

**Requisites:** Corequisite, PHYS 131.

**Grading status:** Letter grade.

**PHYS 132. Science and Society. 3 Credits.**

A description of the scientific community and how scientists relate to such sociotechnical issues as the space program, the arms race, the energy problem, computer technology, medical technology, and pseudosciences.

**Grading status:** Letter grade.

**PHYS 133. How Bio Works. 3 Credits.**

Physics of biology and biotechnology. Life as an assembly of molecular machines that manipulate DNA, replicate cells, propel bacteria, and contract muscles. Nanotechnology for DNA biotechnology and microscale fluid chips.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PHYS 201. Basic Mechanics. 3 Credits.**

A one-semester course in statics, kinematics, simple harmonic motion, central forces, and applications from modern physics.

**Requisites:** Prerequisites, MATH 233 and one of PHYS 105, 115, 117, 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**PHYS 211. Intermediate Electromagnetism. 3 Credits.**

Electric fields and potentials, dielectrics, steady currents, magnetic flux and magnetic materials, electromagnetic induction. Emphasis on Maxwell's equations and their application to electromagnetic waves in bounded and unbounded media.

**Requisites:** Prerequisites, MATH 233 and one of PHYS 105, 115, 117, 119.

**Grading status:** Letter grade.

**PHYS 231. Physical Computing. 3 Credits.**

permission of the instructor for students lacking the requisite. Combines sensors and actuators to sense, interact with, and control the nearby physical environment. Students are introduced to analog and digital electronics, lab equipment, Python and C-like programming, the Arduino microcontroller, 3-D design tools, and Makerspace prototyping. Students collaborate, then propose and complete individual final projects.

**Requisites:** Pre- or corequisite, PHYS 114 or 118;

**Grading status:** Letter grade.

**PHYS 281L. Experimental Techniques in Physics. 2 Credits.**

Exploration of modern physics experiments, techniques, and data analysis to prepare students for research and advanced laboratory work. Written and oral reports with peer review. Meets four hours per week.

**Requisites:** Prerequisite, PHYS 119; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**PHYS 295. Research with Faculty Mentor I. 1-12 Credits.**

Research with a faculty mentor. Approved learning contract required.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PHYS 311. Electromagnetism I. 3 Credits.**

Pre- or permission of the instructor for students lacking the requisite. Brief treatment of DC and AC circuit theory. Electrostatics: dielectrics, the magnetic field, magnetic materials. Maxwell's equations and their application to electromagnetic waves.

**Requisites:** co-requisite, PHYS 358;

**Grading status:** Letter grade.

**PHYS 313. Space and Time in Physics and Philosophy. 3 Credits.**

Contingent and necessary properties of space and time. The direction and flow of time. Fatalism. Effects preceding their causes.

**Grading status:** Letter grade.

**PHYS 321. Introduction to Quantum Mechanics. 3 Credits.**

Origins of quantum theory. Uncertainty principle. Schroedinger equation for simple systems, including hydrogen atom. Perturbation theory. Spin. Identical particles.

**Requisites:** Prerequisites, MATH 383; MATH 547 or PHYS 331; pre- or co-requisite, PHYS 401; permission of the instructor for students lacking the requisites.

**Grading status:** Letter grade.

**PHYS 331. Introduction to Numerical Techniques in Physics. 4 Credits.**

Applications of calculus, vector analysis, differential equations, complex numbers, and computer programming to realistic physical systems. Three lecture and two computational laboratory hours per week.

**Requisites:** Prerequisite, one of PHYS 104, 114, 116, 118; pre- or co-requisite, MATH 383.

**Grading status:** Letter grade.

**PHYS 351. Electronics I. 4 Credits.**

DC and AC circuit analysis. Diodes, transistor amplifiers, analog devices and signal conditioning. Boolean logic and digital logic circuits. Extensive practice designing and debugging circuits.

**Requisites:** Prerequisites, MATH 233 and one of PHYS 105, 115, 117, 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.



**PHYS 352. Electronics II. 4 Credits.**

Introduction to digital circuits: gates, flip-flops, and counters. Computers and device interconnections, converters and data acquisition. Signal analysis and digital filters. Graphical (LabVIEW) programming and computer interfacing. Individual projects and practical applications.

**Requisites:** Prerequisite, PHYS 351; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**PHYS 354. Quantum Mechanics, Weirdness, and Reality. 3 Credits.**

An interdisciplinary course on the weirdness of quantum mechanics and the problem of interpreting it. Nonlocality, the measurement problem, superpositions, Bohm's theory, collapse theories, and the many-worlds interpretation.

**Requisites:** Prerequisites, MATH 231 and any PHYS course numbered 100 or greater; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHIL 354.

**PHYS 358. Physical Modeling. 4 Credits.**

Modeling of celestial dynamics, nuclear physics problems, electrostatics; Monte Carlo integration in particle and theoretical physics; data modeling for physics and astronomy; gravitation, electromagnetism, fluid dynamics and quantum mechanics. Three lecture and two computational laboratory hours per week.

**Requisites:** Prerequisite, PHYS 331.

**Grading status:** Letter grade.

**PHYS 391. Senior Seminar. 1-15 Credits.**

To be taken by seniors with permission of the department.

**Grading status:** Letter grade.

**PHYS 395. Research with Faculty Mentor II. 1-12 Credits.**

Research with a faculty mentor. Approved learning contract required. Additionally, students write and submit a proposal to an internal or external competition for funding intended for students. They also give a poster or oral presentation on the topic of their research at an appropriate symposium or meeting.

**Gen Ed:** CI, EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PHYS 395H. Research with Faculty Mentor II. 1-12 Credits.**

Research with a faculty mentor. Approved learning contract required. Additionally, students write and submit a proposal to an internal or external competition for funding intended for students. They also give a poster or oral presentation on the topic of their research at an appropriate symposium or meeting.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PHYS 401. Mechanics I. 3 Credits.**

permission of the instructor for students lacking the requisites. Particle kinematics, central forces, planetary motions. Systems of particles, conservation laws, nonlinearity. Statics, motion of rigid bodies. Lagrange's and Hamilton's equations. Euler's equations. Vibrations and waves.

**Requisites:** Pre- or corequisites, MATH 383 and PHYS 331;

**Grading status:** Letter grade.

**PHYS 405. Biological Physics. 3 Credits.**

How diffusion, entropy, electrostatics, and hydrophobicity generate order and force in biology. Topics include DNA manipulation, intracellular transport, cell division, molecular motors, single molecule biophysics techniques, nerve impulses, neuroscience.

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119.

**Grading status:** Letter grade

**Same as:** BIOL 431, BMME 435.

**PHYS 410. Teaching and Learning Physics. 4 Credits.**

Learning how to teach physics using current research-based methods. Includes extensive fieldwork in high school and college environments. Meets part of the licensure requirements for North Carolina public school teaching.

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**PHYS 412. Electromagnetism II. 3 Credits.**

Brief treatment of DC and AC circuit theory. Electrostatics: dielectrics; the magnetic field; magnetic materials. Maxwell's equations and their application to electromagnetic waves.

**Requisites:** Prerequisite, PHYS 311; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**PHYS 415. Optics. 3 Credits.**

Elements of geometrical optics; Huygens' principles, interference, diffraction, and polarization. Elements of the electromagnetic theory of light; Fresnel's equations, dispersion, absorption, and scattering. Photons. Lasers and quantum optics.

**Requisites:** Prerequisites, PHYS 311 and 412; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**PHYS 422. Physics of the Earth's Interior. 3 Credits.**

Origin of the solar system: the nebular hypothesis. Evolution of the earth and its accretionary history. Earthquakes: plate tectonics and the interior of the earth. The earth's magnetic field. Mantle convection.

**Requisites:** Prerequisites, MATH 383, and either PHYS 201 and 211 or 311 and 401.

**Grading status:** Letter grade

**Same as:** GEOL 422.

**PHYS 424. General Physics I. 4 Credits.**

This course is specifically for certification of high school teachers. Students may not receive credit for both PHYS 424 and PHYS 104 or 114.

**Grading status:** Letter grade.

**PHYS 425. General Physics II. 4 Credits.**

This course is specifically for certification of high school teachers. Students may not receive credit for both PHYS 425 and PHYS 105 or 115.

**Grading status:** Letter grade.



**PHYS 441. Thermal Physics. 3 Credits.**

Equilibrium statistical mechanics; the laws of thermodynamics, internal energy, enthalpy, entropy, thermodynamic potentials, Maxwell's equations.

**Requisites:** Prerequisites, MATH 233, and PHYS 117 or 119; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** BMME 441.

**PHYS 471. Physics of Solid State Electronic Devices. 3 Credits.**

Properties of crystal lattices, electrons in energy bands, behavior of majority and minority charge carriers, PN junctions related to the structure and function of semiconductor diodes, transistors, display devices.

**Requisites:** Prerequisite, PHYS 117 or 119; pre- or corequisite, PHYS 211 or 311.

**Grading status:** Letter grade.

**PHYS 472. Chemistry and Physics of Electronic Materials Processing. 3 Credits.**

Permission of the instructor. A survey of materials processing and characterization used in fabricating microelectronic devices. Crystal growth, thin film deposition and etching, and microlithography.

**Requisites:** Prerequisite, CHEM 482 or PHYS 117 or 119.

**Grading status:** Letter grade

**Same as:** APPL 472, CHEM 472.

**PHYS 481L. Advanced Laboratory I. 2 Credits.**

Selected experiments illustrating modern techniques such as the use of laser technology to study the interaction of electromagnetic fields and matter. Six laboratory hours a week.

**Requisites:** Prerequisite, PHYS 351 or 352; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**PHYS 491L. Materials Laboratory I. 2 Credits.**

Structure determination and measurement of the optical, electrical, and magnetic properties of solids.

**Requisites:** Prerequisites, APPL 470 and PHYS 351.

**Grading status:** Letter grade

**Same as:** APPL 491L.

**PHYS 492L. Materials Laboratory II. 2 Credits.**

Continuation of PHYS 491L with emphasis on low- and high-temperature behavior, the physical and chemical behavior of lattice imperfections and amorphous materials, and the nature of radiation damage.

**Requisites:** Prerequisite, APPL 491L or PHYS 491L.

**Grading status:** Letter grade

**Same as:** APPL 492L.

**PHYS 510. Seminar for Physics and Astronomy Teaching Assistants. 1 Credit.**

How students learn and understand physics and astronomy. How to teach using current research-based methods.

**Grading status:** Letter grade.

**PHYS 521. Applications of Quantum Mechanics. 3 Credits.**

Emphasizes atomic physics but includes topics from nuclear, solid state, and particle physics, such as energy levels, the periodic system, selection rules, and fundamentals of spectroscopy.

**Requisites:** Prerequisite, PHYS 321.

**Grading status:** Letter grade.

**PHYS 543. Nuclear Physics. 3 Credits.**

Structure of nucleons and nuclei, nuclear models, forces and interactions, nuclear reactions. .

**Requisites:** Prerequisite, PHYS 321; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**PHYS 545. Introductory Elementary Particle Physics. 3 Credits.**

Relativistic kinematics, symmetries and conservation laws, elementary particles and bound states, gauge theories, quantum electrodynamics, chromodynamics, electroweak unification, standard model and beyond.

**Requisites:** Prerequisites, PHYS 321 and 412.

**Grading status:** Letter grade.

**PHYS 573. Introductory Solid State Physics. 3 Credits.**

Crystal symmetry, types of crystalline solids; electron and mechanical waves in crystals, electrical and magnetic properties of solids, semiconductors; low temperature phenomena; imperfections in nearly perfect crystals.

**Requisites:** Prerequisite, PHYS 321; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** APPL 573.

**PHYS 581. Renewable Electric Power Systems. 3 Credits.**

Broad and quantitative study of renewable electric power systems: wind systems, photovoltaic cells, distributed generation (concentrating solar power, microhydro, biomass), and the economics of these technologies.

**Requisites:** Prerequisites, BIOL 101L, and 202 or 271; and PHYS 131, and 131L or 281L, and 201 or 401, and 211 or 311, and 351; pre- or corequisites, CHEM 261 and 481.

**Grading status:** Letter grade.

**PHYS 582. Decarbonizing Fuels. 3 Credits.**

Assess quantitatively the feasibility of powering humanity without increasing release of climate-altering carbon dioxide and other organic greenhouse gases into the atmosphere. Can these gases be removed? Which bio-chemical-physical novelties may scale to meet growing demand and at what cost?

**Requisites:** Prerequisites, BIOL 101L, and 202 or 271; and PHYS 131, and 131L or 281L, and 201 or 401, and 211 or 311, and 351; pre- or corequisites, CHEM 261 and 481.

**Grading status:** Letter grade.

**PHYS 585. Imaging Science: From Cells to Stars. 3 Credits.**

Fundamentals of imaging as applied to biological, medical and astronomy imaging systems. Physics of radiation and particle sources, image formation and detection physics. Principles of optics, coherence, Fourier methods, statistics, especially as they cross disciplinary boundaries for new opportunities in imaging.

**Requisites:** Prerequisites, MATH 233 and PHYS 118.

**Grading status:** Letter grade.

**PHYS 594. Nonlinear Dynamics. 3 Credits.**

Interdisciplinary introduction to nonlinear dynamics and chaos. Fixed points, bifurcations, strange attractors, with applications to physics, biology, chemistry, finance.

**Requisites:** Prerequisite, MATH 383; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MATH 594.

**PHYS 631. Mathematical Methods of Theoretical Physics. 3 Credits.**

Linear vector spaces and matrices, curvilinear coordinates, functions of complex variables, ordinary and partial differential equations, Fourier series, integral transforms, special functions, differential forms.

**Grading status:** Letter grade.

**PHYS 632. Advanced Research Analytics. 3 Credits.**

Required preparation, ability to program in a high-level computer language. Permission of the instructor for students lacking the required preparation. Methods required for the analysis, interpretation, and evaluation of physics measurements and theory. Error analysis, statistical tests, model fitting, parameter estimation, Monte Carlo methods, Bayesian inference, noise mitigation, experimental design, big data, selected numerical techniques including differential equations and Fourier techniques.

**Grading status:** Letter grade.

**PHYS 633. Scientific Programming. 3 Credits.**

Required preparation, elementary Fortran, C, or Pascal programming. Structured programming in Fortran or Pascal; use of secondary storage and program packages; numerical methods for advanced problems, error propagation and computational efficiency; symbolic mathematics by computer.

**Requisites:** Prerequisite, MATH 528 or 529, or PHYS 631 or 632.

**Grading status:** Letter grade.

**PHYS 660. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow.

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MASC 560, ENVR 452, GEOL 560.

**PHYS 671L. Independent Laboratory I. 3 Credits.**

Six laboratory hours a week.

**Requisites:** Prerequisites, PHYS 401 and 412; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**PHYS 672L. Independent Laboratory II. 3 Credits.**

Six laboratory hours a week.

**Requisites:** Prerequisites, PHYS 401 and 412; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**PHYS 691H. Senior Honor Thesis Research I. 3 Credits.**

Permission of the instructor. Readings in physics and directed research for a senior honor thesis project. Required of all candidates for graduation with honors in physics.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**PHYS 692H. Senior Honor Thesis Research II. 3 Credits.**

Readings in physics and directed research for a senior honor thesis project. Required of all candidates for graduation with honors in physics.

**Requisites:** Prerequisite, PHYS 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Physics Major, B.A.

### Contact Information

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The goal of physics and astronomy is a unified description of the properties of matter and energy. The study of matter and energy encompasses a range of phenomena, from the subnuclear to the cosmological. Physics seeks to understand the way the universe “works,” from the very small scale (quarks and neutrinos) to the human scale (materials encountered in daily life) to the very large (the structure of the cosmos). Different approaches and technologies are used in these different regimes.

## Department Programs

### Majors

- Physics Major, B.A. (p. 742)
- Physics Major, B.S. (p. 748)

### Minors

- Astronomy Minor (p. 753)
- Physics Minor (p. 753)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)

## Student Learning Outcomes

Upon completion of the physics program, students should be able to:

- Demonstrate knowledge of major concepts, theoretical reasoning, and empirical findings in physics and/or astronomy – Knowledge Base in Physics
- Apply knowledge of physics and mathematics to solve problems – Critical Thinking and Problem Solving

- Effectively conduct research under guidance of faculty member – Research and the Advancement of Physics and Astronomy
- Gain entry to top graduate programs, employment as physicists in industry, teaching positions in high school physics and astronomy, or apply their skills in other rewarding careers – Preparation for Future Career

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

### Physics Major, B.A. – Standard Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
PHYS 201 or PHYS 401	Basic Mechanics <sup>1</sup> Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism <sup>2</sup> Electromagnetism I	3
PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics	4
Nine additional credits chosen from ASTR (numbered above 300) and PHYS (numbered above 200)		9
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Total Hours		52

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Spring course

<sup>2</sup> Fall course

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 735).

### Physics Major, B.A. – Astronomy Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
PHYS 201 or PHYS 401	Basic Mechanics <sup>1</sup> Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism <sup>2</sup> Electromagnetism I	3
PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics	4
Six additional credits chosen from ASTR (numbered above 300)		6
Three additional credits chosen from:		3
ASTR (numbered above 300)		
PHYS 231	Physical Computing <sup>1</sup>	
PHYS 295	Research with Faculty Mentor I	
PHYS 395	Research with Faculty Mentor II <sup>H</sup>	
PHYS 585	Imaging Science: From Cells to Stars	
PHYS 691H	Senior Honor Thesis Research I	
PHYS 692H	Senior Honor Thesis Research II	
<b>Additional Requirements</b>		
ASTR 101	Introduction to Astronomy: The Solar System <sup>H</sup>	3
ASTR 101L	Introduction to Astronomy Laboratory: Our Place in Space	1
or ASTR 111L		Educational Research in Radio Astronomy
ASTR 202	Introduction to Astrophysics <sup>2</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Total Hours		51

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Spring course

<sup>2</sup> Fall course

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 735).

### Physics Major, B.A. – Biological Physics Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
PHYS 201 or PHYS 401	Basic Mechanics <sup>1</sup> Mechanics I	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism <sup>2</sup> Electromagnetism I	3

PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics	4
PHYS 405	Biological Physics <sup>2</sup>	3
PHYS/BMME 441	Thermal Physics <sup>2</sup>	3
or CHEM 481	Physical Chemistry I	
PHYS 585	Imaging Science: From Cells to Stars (capstone)	3
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Six additional credits chosen from:		6
BIOL (numbered above 200)		
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	
PHYS (numbered above 200)		
Total Hours		61

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Spring course

<sup>2</sup> Fall course

Biology (BIOL) course descriptions (p. 277).

Physics (PHYS) course descriptions (p. 735).

### Physics Major, B.A. – Energy Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas <sup>1</sup>	3
PHYS 131L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	1
or PHYS 281L	Experimental Techniques in Physics	
PHYS 201	Basic Mechanics <sup>1</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>2</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 331	Introduction to Numerical Techniques in Physics	4
PHYS 351	Electronics I <sup>2</sup>	4
PHYS 581	Renewable Electric Power Systems	3
or PHYS 582	Decarbonizing Fuels	

### Additional Requirements

BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
or BIOL 271	Plant Biology	
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Total Hours		65

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Spring course

<sup>2</sup> Fall course

Physics (PHYS) course descriptions (p. 735).

### Physics Major, B.A. – Quantitative Finance Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
PHYS 201	Basic Mechanics <sup>1</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>2</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics	4
PHYS/BMME 441	Thermal Physics <sup>2</sup>	3
or CHEM 481	Physical Chemistry I	
Six additional credits chosen from the following options <sup>3</sup>		
BUSI 407	Financial Accounting and Analysis <sup>3</sup>	
BUSI 410	Business Analytics	
BUSI 584	Financial Modeling	
MATH courses numbered above 200		
PHYS courses numbered above 200		
<b>Additional Requirements</b>		
BUSI 408	Corporate Finance <sup>4</sup>	3
BUSI 580	Investments <sup>H</sup>	3
BUSI 588	Introduction to Derivative Securities and Risk Management <sup>5, H</sup>	1.5
BUSI 589	Fixed Income <sup>5, H</sup>	1.5
BUSI 600	Risk Management <sup>5</sup>	1.5
BUSI 688	Applied Derivatives <sup>5, H</sup>	1.5
CHEM 101	General Descriptive Chemistry I	3

CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Total Hours		62

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Spring course

<sup>2</sup> Fall course

<sup>3</sup> Students are strongly encouraged to take BUSI 407.

<sup>4</sup> BUSI 101 and ECON 101 are prerequisites for BUSI 408, but these prerequisites may be waived for students in the Quantitative Finance program.

<sup>5</sup> Half-semester course. Students are advised to take BUSI 588 and BUSI 688 in the same semester.

Students must maintain a minimum cumulative GPA of at least 2.85. Students majoring in the quantitative finance option cannot pursue the minor in business.

Business Administration (BUSI) course descriptions (p. 939).

Mathematics (MATH) course descriptions (p. 655).

Physics (PHYS) course descriptions (p. 735).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Standard Option

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		8
<b>Spring Semester</b>		
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
Hours		8
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4

MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Hours		8

### Spring Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
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MATH 383	First Course in Differential Equations <sup>H</sup>	3
Hours		7

### Junior Year

#### Fall Semester

PHYS 281L	Experimental Techniques in Physics	2
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PHYS 211	Intermediate Electromagnetism or Electromagnetism I	3
or		
PHYS 311		

Hours		5
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#### Spring Semester

PHYS 201	Basic Mechanics or Mechanics I	3
or		
PHYS 401		

PHYS 331	Introduction to Numerical Techniques in Physics	4
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One course (3 hours) chosen from ASTR (numbered above 300) and PHYS (numbered above 200)		3
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Hours		10
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### Senior Year

#### Fall Semester

One course (3 hours) chosen from ASTR (numbered above 300) and PHYS (numbered above 200)		3
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Hours		3
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#### Spring Semester

One course (3 hours) chosen from ASTR (numbered above 300) and PHYS (numbered above 200)		3
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Hours		3
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Total Hours		52
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Astronomy Option

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
ASTR 101 & 101L	Introduction to Astronomy: The Solar System and Introduction to Astronomy Laboratory: Our Place in Space <sup>H</sup>	4
Hours		8
<b>Spring Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Hours		8



**Sophomore Year****Fall Semester**

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Hours		8

**Spring Semester**

PHYS 281L	Experimental Techniques in Physics	2
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Hours		5

**Junior Year****Fall Semester**

ASTR 202	Introduction to Astrophysics	3
PHYS 211	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 311		
Hours		6

**Spring Semester**

PHYS 201	Basic Mechanics or Mechanics I	3
PHYS 401		
PHYS 331	Introduction to Numerical Techniques in Physics	4
One course chosen from ASTR (numbered above 300)		3
Hours		10

**Senior Year****Fall Semester**

One course chosen from ASTR (numbered above 300)		3
One additional elective course <sup>1</sup>		3
Hours		6
Total Hours		51

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Three credits chosen from ASTR (numbered above 300) and PHYS 231, PHYS 295, PHYS 395, PHYS 585, PHYS 691H, PHYS 692H.

**Biological Physics Option**

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
BIOL 101	Principles of Biology <sup>H</sup>	3
Hours		7
<b>Spring Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		12

**Sophomore Year****Fall Semester**

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
Hours		12

**Spring Semester**

PHYS 281L	Experimental Techniques in Physics	2
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Hours		5

**Junior Year****Fall Semester**

PHYS 405	Biological Physics	3
Elective course <sup>2</sup>		3
Hours		6

**Spring Semester**

PHYS 201	Basic Mechanics or Mechanics I	3
PHYS 401		
PHYS 331	Introduction to Numerical Techniques in Physics	4
Elective course <sup>2</sup>		3
Hours		10

**Senior Year****Fall Semester**

PHYS 211	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 311		
PHYS 441	Thermal Physics or Physical Chemistry I	3
CHEM 481		
Hours		6

**Spring Semester**

PHYS 585	Imaging Science: From Cells to Stars	3
Hours		3
Total Hours		61

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>2</sup> Courses may be chosen from BIOL (numbered above 200), CHEM 261, CHEM 262, CHEM 430, PHYS (numbered above 200).

**Energy Option**

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		8

**Spring Semester**

PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
Hours		11

**Sophomore Year****Fall Semester**

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
Hours		12

**Spring Semester**

PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	3
PHYS 131L or PHYS 281L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas or Experimental Techniques in Physics	1
MATH 383	First Course in Differential Equations <sup>H</sup>	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
Hours		10

**Junior Year****Fall Semester**

PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
BIOL 202 or BIOL 271	Molecular Biology and Genetics <sup>H</sup> or Plant Biology	4
Hours		7

**Spring Semester**

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 331	Introduction to Numerical Techniques in Physics	4
CHEM 481	Physical Chemistry I	3
Hours		10

**Senior Year****Fall Semester**

PHYS 351	Electronics I	4
Hours		4

**Spring Semester**

PHYS 581 or PHYS 582	Renewable Electric Power Systems or Decarbonizing Fuels	3
Hours		3
Total Hours		65

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Quantitative Finance Option**

Course	Title	Hours
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**First Year****Fall Semester**

MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
CHEM 101	General Descriptive Chemistry I	3
Hours		7

**Spring Semester**

PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
Hours		11

**Sophomore Year****Fall Semester**

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Hours		8

**Spring Semester**

PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Hours		9

**Junior Year****Fall Semester**

PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 441 or CHEM 481	Thermal Physics or Physical Chemistry I	3
BUSI 408	Corporate Finance	3
Hours		9

**Spring Semester**

PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
BUSI 580	Investments <sup>H</sup>	3
Hours		6

**Senior Year****Fall Semester**

BUSI 588	Introduction to Derivative Securities and Risk Management <sup>H</sup>	1.5
BUSI 589	Fixed Income <sup>H</sup>	1.5
BUSI 688	Applied Derivatives <sup>H</sup>	1.5
Elective course <sup>3</sup>		3
Hours		7.5

**Spring Semester**

BUSI 600	Risk Management	1.5
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Elective course <sup>3</sup>	3
Hours	4.5
Total Hours	62

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>3</sup> Courses may be chosen from BUSI 407, BUSI 410, BUSI 584, MATH (numbered above 200), and PHYS (numbered above 200).

## Special Opportunities in Physics and Astronomy

### Honors in Physics and Astronomy

The honors program offers exceptionally well-qualified students an opportunity to perform original research with a faculty member and graduate with honors or highest honors. It requires an overall grade point average of at least 3.3 and a grade point average of at least 3.4 for physics courses at the end of the junior year.

Students who wish to enter the honors program should consult with the departmental coordinator (<http://physics.unc.edu/undergraduate-program/undergraduate-research>) for the program no later than the preregistration period in the spring semester of their junior year.

### Departmental Involvement

The Society of Physics Students, open to anyone interested in physics, builds connections between undergraduates, graduate students, faculty, and alumni. The society invites visitors to give talks and sponsors a number of events for students each year. Women in Physics at UNC–Chapel Hill, an organization that aims to provide resources, advice, and an encouraging social atmosphere for women in the field of physics, welcomes physics majors and all women interested in physics.

### UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students meet all the degree requirements for their degree using PHYS 410 as one of their upper-level physics courses.

Code	Title	Hours
PHYS 410	Teaching and Learning Physics	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1

For more details on admission requirements, application deadlines, and submitting an online application, visit the School of Education Web site (<http://www.unc.edu/uncbest/options.html>).

## Undergraduate Awards

The department gives awards each year to the senior (Shearin Award) and junior (Johnson Award) who demonstrate the greatest achievement. In addition, the department awards the major with the most research achievement the Robert Sheldon Award for Undergraduate Research.

## Undergraduate Research

All majors conduct at least one semester of research under the supervision of a faculty member. Many enjoy the experience so much that they continue for several semesters. An approved learning contract is required prior to registering for PHYS 295 and PHYS 395, and students must be registered within the first week of classes.

## Physics Major, B.S.

### Contact Information

#### Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)  
Phillips Hall, CB# 3255  
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The goal of physics and astronomy is a unified description of the properties of matter and energy. The study of matter and energy encompasses a range of phenomena, from the subnuclear to the cosmological. Physics seeks to understand the way the universe “works,” from the very small scale (quarks and neutrinos) to the human scale (materials encountered in daily life) to the very large (the structure of the cosmos). Different approaches and technologies are used in these different regimes.

## Department Programs

### Majors

- Physics Major, B.A. (p. 742)
- Physics Major, B.S. (p. 748)

### Minors

- Astronomy Minor (p. 753)

- Physics Minor (p. 753)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)

## Student Learning Outcomes

Upon completion of the physics program, students should be able to:

- Demonstrate knowledge of major concepts, theoretical reasoning, and empirical findings in physics and/or astronomy – Knowledge Base in Physics
- Apply knowledge of physics and mathematics to solve problems – Critical Thinking and Problem Solving
- Effectively conduct research under guidance of faculty member – Research and the Advancement of Physics and Astronomy
- Gain entry to top graduate programs, employment as physicists in industry, teaching positions in high school physics and astronomy, or apply their skills in other rewarding careers – Preparation for Future Career

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

### Physics Major, B.S.–Standard Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 281L	Experimental Techniques in Physics	2
PHYS 311	Electromagnetism I <sup>1</sup>	3
PHYS 321	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS 331	Introduction to Numerical Techniques in Physics	4
PHYS 351	Electronics I <sup>1</sup>	4
PHYS 358	Physical Modeling <sup>1</sup>	4
PHYS 401	Mechanics I <sup>2</sup>	3
PHYS 412	Electromagnetism II <sup>2</sup>	3
PHYS 441	Thermal Physics <sup>1</sup>	3
PHYS 481L	Advanced Laboratory I	2
PHYS 521	Applications of Quantum Mechanics <sup>1</sup>	3
PHYS 395	Research with Faculty Mentor II (optional for UNC–BEST students) <sup>H</sup>	3
	or PHYS 692H Senior Honor Thesis Research II	
Six additional credit hours chosen from:		6
ASTR (numbered above 300)		

ENGL 303	Advanced Expository Writing for the Natural Sciences	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 529	Mathematical Methods for the Physical Sciences II	
PHYS 231	Physical Computing <sup>2</sup>	
PHYS (numbered above 300)		
<b>Additional Requirement</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
Remaining General Education (p. 27) requirements and enough free electives to accumulate 123 academic hours		49
Total Hours		123

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- <sup>1</sup> Fall course  
<sup>2</sup> Spring course

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 735).

### Physics Major, B.S.–Astrophysics Option

Code	Title	Hours
<b>Core Requirements</b>		
ASTR 519	Observational Astronomy	4
PHYS 281L	Experimental Techniques in Physics	2
PHYS 311	Electromagnetism I <sup>1</sup>	3
PHYS 321	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS 331	Introduction to Numerical Techniques in Physics	4
PHYS 351	Electronics I <sup>1</sup>	4
PHYS 358	Physical Modeling <sup>1</sup>	4
PHYS 401	Mechanics I <sup>2</sup>	3
PHYS 412	Electromagnetism II <sup>2</sup>	3
PHYS 441	Thermal Physics <sup>1</sup>	3
PHYS 521	Applications of Quantum Mechanics <sup>1</sup>	3
PHYS 395	Research with Faculty Mentor II (optional for UNC–BEST students) <sup>H</sup>	3
	or PHYS 692H Senior Honor Thesis Research II	
One additional course chosen from ASTR (numbered above 300)		3
One additional course chosen from (minimum three hours):		3
ASTR (numbered above 300)		
ENGL 303	Advanced Expository Writing for the Natural Sciences	
MATH 528	Mathematical Methods for the Physical Sciences I	

MATH 529	Mathematical Methods for the Physical Sciences II	
PHYS 231	Physical Computing <sup>2</sup>	
<b>Additional Requirement</b>		
ASTR 202	Introduction to Astrophysics <sup>1</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (CHEM 102/CHEM 102L are recommended but not required)	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
Remaining General Education (p. 27) requirements and enough free electives to accumulate 123 academic hours		48
Total Hours		123

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Fall course

<sup>2</sup> Spring course

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 735).

As part of these course requirements, candidates for the B.S. degree must earn grades of C (not C-) or better in at least 18 credit hours of courses that are listed under Core Requirements.

It is strongly recommended that students planning to major in physics fulfill the Foundations requirement in English composition and rhetoric by enrolling in ENGL 105I.

Most students will find it advantageous to defer some of the General Education requirements to the junior and/or senior year(s).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Standard Option

### Sample I (for students placed into MATH 231)

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		8

#### Spring Semester

PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
Hours		12

#### Sophomore Year

##### Fall Semester

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
Hours		8

##### Spring Semester

PHYS 281L	Experimental Techniques in Physics	2
PHYS 401	Mechanics I	3
PHYS 331	Introduction to Numerical Techniques in Physics	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Hours		12

#### Junior Year

##### Fall Semester

PHYS 311	Electromagnetism I	3
PHYS 351	Electronics I	4
PHYS 358	Physical Modeling	4
One elective course <sup>1</sup>		3
Hours		14

##### Spring Semester

PHYS 321	Introduction to Quantum Mechanics	3
PHYS 412	Electromagnetism II	3
One elective course <sup>1</sup>		3
Hours		9

#### Senior Year

##### Fall Semester

PHYS 441	Thermal Physics	3
PHYS 481L	Advanced Laboratory I	2
PHYS 521	Applications of Quantum Mechanics	3
Hours		8

##### Spring Semester

PHYS 395	Research with Faculty Mentor II <sup>H</sup>	3
Hours		3
Total Hours		74

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses may be chosen from ASTR (numbered above 300), ENGL 303, MATH 528, MATH 529, PHYS 231, PHYS (numbered above 300).



**Sample II (for students placed into MATH 232)**

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Hours		8
<b>Spring Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		12
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 281L	Experimental Techniques in Physics	2
MATH 383	First Course in Differential Equations <sup>H</sup>	3
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
Hours		9
<b>Spring Semester</b>		
PHYS 401	Mechanics I	3
PHYS 331	Introduction to Numerical Techniques in Physics	4
One elective course <sup>1</sup>		3
Hours		10
<b>Junior Year</b>		
<b>Fall Semester</b>		
PHYS 311	Electromagnetism I	3
PHYS 351	Electronics I	4
PHYS 358	Physical Modeling	4
Hours		11
<b>Spring Semester</b>		
PHYS 412	Electromagnetism II	3
PHYS 321	Introduction to Quantum Mechanics	3
One elective course <sup>1</sup>		3
Hours		9
<b>Senior Year</b>		
<b>Fall Semester</b>		
PHYS 441	Thermal Physics	3
PHYS 481L	Advanced Laboratory I	2
PHYS 521	Applications of Quantum Mechanics	3
Hours		8
<b>Spring Semester</b>		
PHYS 395	Research with Faculty Mentor II <sup>H</sup>	3
Hours		3
Total Hours		70

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses may be chosen from ASTR (numbered above 300), ENGL 303, MATH 528, MATH 529, PHYS 231, PHYS (numbered above 300).

**Astrophysics Option****Sample I (for students placed into MATH 231)**

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		8
<b>Spring Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Hours		8
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
ASTR 202	Introduction to Astrophysics	3
Hours		11
<b>Spring Semester</b>		
PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics	4
PHYS 401	Mechanics I	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Hours		12
<b>Junior Year</b>		
<b>Fall Semester</b>		
PHYS 311	Electromagnetism I	3
PHYS 351	Electronics I	4
PHYS 358	Physical Modeling	4
ASTR 519	Observational Astronomy	4
Hours		15
<b>Spring Semester</b>		
PHYS 321	Introduction to Quantum Mechanics	3
PHYS 412	Electromagnetism II	3
One additional course chosen from ASTR (numbered above 300)		3
Hours		9
<b>Senior Year</b>		
<b>Fall Semester</b>		
PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3
One elective course <sup>1</sup>		3
Hours		9

<b>Spring Semester</b>		
PHYS 395	Research with Faculty Mentor II <sup>H</sup>	3
Hours		3
Total Hours		75

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Course may be chosen from ASTR (numbered above 300), ENGL 303, MATH 528, MATH 529, PHYS 231.

## Sample II (for students placed into MATH 232)

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Hours		8
<b>Spring Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
Hours		12
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 281L	Experimental Techniques in Physics	2
MATH 383	First Course in Differential Equations <sup>H</sup>	3
ASTR 202	Introduction to Astrophysics	3
Hours		8
<b>Spring Semester</b>		
PHYS 401	Mechanics I	3
PHYS 331	Introduction to Numerical Techniques in Physics	4
One additional course chosen from ASTR (numbered above 300)		3
Hours		10
<b>Junior Year</b>		
<b>Fall Semester</b>		
PHYS 311	Electromagnetism I	3
PHYS 351	Electronics I	4
PHYS 358	Physical Modeling	4
ASTR 519	Observational Astronomy	4
Hours		15
<b>Spring Semester</b>		
PHYS 412	Electromagnetism II	3
PHYS 321	Introduction to Quantum Mechanics	3
One elective course <sup>2</sup>		
Hours		6
<b>Senior Year</b>		
<b>Fall Semester</b>		
PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3

One elective course <sup>1</sup>	3
Hours	9

<b>Spring Semester</b>		
PHYS 395	Research with Faculty Mentor II <sup>H</sup>	3
Hours		3
Total Hours		71

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Course may be chosen from ASTR (numbered above 300), ENGL 303, MATH 528, MATH 529, PHYS 231.

## Special Opportunities in Physics and Astronomy

### Honors in Physics and Astronomy

The honors program offers exceptionally well-qualified students an opportunity to perform original research with a faculty member and graduate with honors or highest honors. It requires an overall grade point average of at least 3.3 and a grade point average of at least 3.4 for physics courses at the end of the junior year.

Students who wish to enter the honors program should consult with the departmental coordinator (<http://physics.unc.edu/undergraduate-program/undergraduate-research>) for the program no later than the preregistration period in the spring semester of their junior year.

### Departmental Involvement

The Society of Physics Students, open to anyone interested in physics, builds connections between undergraduates, graduate students, faculty, and alumni. The society invites visitors to give talks and sponsors a number of events for students each year. Women in Physics at UNC-Chapel Hill, an organization that aims to provide resources, advice, and an encouraging social atmosphere for women in the field of physics, welcomes physics majors and all women interested in physics.

### UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC-BEST students meet all the degree requirements for their degree using PHYS 410 as one of their upper-level physics courses.

Code	Title	Hours
PHYS 410	Teaching and Learning Physics	4
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching	12
EDUC 601	Education Workshops	1

For more details on admission requirements, application deadlines, and submitting an online application, visit the School of Education Web site (<http://www.unc.edu/uncbest/options.html>).

## Undergraduate Awards

The department gives awards each year to the senior (Shearin Award) and junior (Johnson Award) who demonstrate the greatest achievement. In addition, the department awards the major with the most research achievement the Robert Sheldon Award for Undergraduate Research.

## Undergraduate Research

All majors conduct at least one semester of research under the supervision of a faculty member. Many enjoy the experience so much that they continue for several semesters. An approved learning contract is required prior to registering for PHYS 295 and PHYS 395, and students must be registered within the first week of classes.

## Astronomy Minor

### Contact Information

#### Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)

Phillips Hall, CB# 3255

(919) 962-2078

#### Christian Iliadis, Chair

#### Jhon T. Cimmino, Academic Affairs Coordinator, Physics and Astronomy

[jhonc@email.unc.edu](mailto:jhonc@email.unc.edu)

#### Frank Tsui, Director of Undergraduate Studies

[ftsui@physics.unc.edu](mailto:ftsui@physics.unc.edu)

#### Lu-Chang Qin, Physics Advisor (students with last names beginning with A–F)

[lcqin@email.unc.edu](mailto:lcqin@email.unc.edu)

#### Dan Reichart, Physics Advisor (students with last names beginning with G–I, and Astrophysics and Astronomy majors and minors)

[reichart@email.unc.edu](mailto:reichart@email.unc.edu)

#### Jennifer Weinberg-Wolf, Physics Advisor (students with last names beginning with J–R)

[jweinber@physics.unc.edu](mailto:jweinber@physics.unc.edu)

#### Reyco Henning, Physics Advisor (students with last names beginning with S–Z, and Quantitative Finance majors)

[rhenning@unc.edu](mailto:rhenning@unc.edu)

The goal of physics and astronomy is a unified description of the properties of matter and energy. The study of matter and energy encompasses a range of phenomena, from the subnuclear to the cosmological. Physics seeks to understand the way the universe “works,” from the very small scale (quarks and neutrinos) to the human scale (materials encountered in daily life) to the very large (the structure of the cosmos). Different approaches and technologies are used in these different regimes.

## Department Programs

### Majors

- Physics Major, B.A. (p. 742)

- Physics Major, B.S. (p. 748)

### Minors

- Astronomy Minor (p. 753)
- Physics Minor (p. 753)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in astronomy consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
ASTR 101	Introduction to Astronomy: The Solar System <sup>H</sup>	3
ASTR 101L	Introduction to Astronomy Laboratory: Our Place in Space	1
	or ASTR 111L Educational Research in Radio Astronomy	
ASTR 202	Introduction to Astrophysics	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>1</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>2</sup>	4
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

<sup>2</sup> Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

See program page here (p. 748) for special opportunities.

## Physics Minor

### Contact Information

#### Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)

Phillips Hall, CB# 3255

(919) 962-2078

**Christian Iliadis, Chair**

**Jhon T. Cimmino, Academic Affairs Coordinator, Physics and Astronomy**  
jhonc@email.unc.edu

**Frank Tsui, Director of Undergraduate Studies**  
ftsui@physics.unc.edu

**Lu-Chang Qin, Physics Advisor (students with last names beginning with A–F)**  
lcqin@email.unc.edu

**Dan Reichart, Physics Advisor (students with last names beginning with G–I, and Astrophysics and Astronomy majors and minors)**  
reichart@email.unc.edu

**Jennifer Weinberg-Wolf, Physics Advisor (students with last names beginning with J–R)**  
jweinber@physics.unc.edu

**Reyco Henning, Physics Advisor (students with last names beginning with S–Z, and Quantitative Finance majors)**  
rhenning@unc.edu

The goal of physics and astronomy is a unified description of the properties of matter and energy. The study of matter and energy encompasses a range of phenomena, from the subnuclear to the cosmological. Physics seeks to understand the way the universe “works,” from the very small scale (quarks and neutrinos) to the human scale (materials encountered in daily life) to the very large (the structure of the cosmos). Different approaches and technologies are used in these different regimes.

## Department Programs

### Majors

- Physics Major, B.A. (p. 742)
- Physics Major, B.S. (p. 748)

### Minors

- Astronomy Minor (p. 753)
- Physics Minor (p. 753)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor in physics consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>1</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>2</sup>	4
PHYS 281L	Experimental Techniques in Physics	2
PHYS 331	Introduction to Numerical Techniques in Physics <sup>3</sup>	4
One additional course chosen from ASTR (numbered above 300) and PHYS (numbered above 200)		3
Total Hours		17

<sup>1</sup> Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

<sup>2</sup> Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

<sup>3</sup> Prerequisite, one of PHYS 104, PHYS 114, PHYS 116, PHYS 118; pre- or co-requisite, MATH 383.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 735).

See the program page here (p. 748) for special opportunities.

# DEPARTMENT OF POLITICAL SCIENCE

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## Contact Information

### Department of Political Science

Visit Program Website (<http://politicalscience.unc.edu>)

361 Hamilton Hall, CB# 3265

(919) 962-3041

### Mark Crescenzi, Chair

### Hollie Mann, Undergraduate Advisor

[hmann@email.unc.edu](mailto:hmann@email.unc.edu)

### Stephen Gent, Director of Undergraduate Studies

[gent@unc.edu](mailto:gent@unc.edu)

### Genevieve Cecil, Undergraduate Studies Coordinator

[gcecil@email.unc.edu](mailto:gcecil@email.unc.edu)

## Introduction

Political science is concerned with the description and explanation of political ideas, institutions, processes, policies, and behavior, both in the United States and in other countries. The undergraduate program provides students with a basic knowledge of the political and economic relationships that exist among nations, international agencies, and governmental and nongovernmental organizations. It also introduces students to the role that traditions of thought and political ideologies have played in shaping our understanding of politics in the past and today.

## Advising

All majors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Students seeking advice about the political science major are encouraged to meet with the department's undergraduate advisor or the director of undergraduate studies during their office hours (see contact information above). Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://politicalscience.unc.edu>).

## Graduate School and Career Opportunities

Students with a major in political science may choose to continue their studies in a number of professional areas, including law, business administration, public administration, public policy analysis, international relations, and area studies. Students seeking to become professional political scientists should pursue graduate study in a Ph.D. program in political science.

The following is a brief listing of careers for which a major in political science is valuable preparation:

- positions with government agencies, such as the Foreign Service
- positions with international organizations, such the United Nations
- positions with nongovernmental and nonprofit organizations
- law-related professions

- business professions, including data analysis and survey research
- media and journalism
- governmental research in universities, libraries, and think tanks
- secondary- and university-level teaching and administration
- federal and state government employment
- municipal management and public administration

### Major

- Political Science Major, B.A. (p. 766)

### Graduate Programs

- M.A. in Political Science (<http://catalog.unc.edu/graduate/schools-departments/political-science>)
- Ph.D. in Political Science (<http://catalog.unc.edu/graduate/schools-departments/political-science>)

## Professors

Navin Bapat, Frank Baumgartner, Thomas Carsey, Pamela Conover, Mark Crescenzi, Virginia Gray, Jonathan Hartlyn, Marc Hetherington, Liesbet Hooghe, Evelyne Huber, Michael Lienesch, Stuart Elaine Macdonald, Michael MacKuen, Gary Marks, Kevin McGuire, Timothy McKeown, Layna Mosley, Andrew Reynolds, Jason Roberts, Graeme Robertson, Donald Searing, Jeffrey Spinner-Halev, John Stephens, James Stimson.

## Associate Professors

Anna Bassi, Susan Bickford, Stephen Gent, Michele Hoyman, Stephen Leonard, Cecilia Martinez-Gallardo, Rahsaan Maxwell, Sarah Roberts, Timothy Ryan, Isaac Unah, Milada Vachudova.

## Assistant Professors

Cameron Ballard-Rosa, Christopher Clark, Lucy Martin, Santiago Olivella.

## Adjunct Professors

John Aldrich, Michele Berger, Daniel Gitterman, Rebecca Kreitzer, Holger Moroff, Michael Munger, Jonathan Oberlander, Brigitte Seim, Candis W. Smith, Niklaus Steiner, Sue Tolleson-Rinehart, Jonathan Weiler.

## Teaching Professor

Robert Jenkins.

## Teaching Assistant Professor/Advisor

Hollie Mann.

## Professors Emeriti

Thad Beyle, Raymond Dawson, Lewis Lipsitz, Lars Schoultz, Jurg Steiner, James White.



## POLI—Political Science

### Undergraduate-level Courses

#### **POLI 50. First-Year Seminar: Movies and Politics. 3 Credits.**

Movies often reflect important social and political issues. In this course students will see a set of movies, discuss them, and put them into social and political contexts.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### **POLI 52. First-Year Seminar: Friendship in Political Thought. 3 Credits.**

This seminar will explore what relationships have been designated "friendship" in the past, and why they are of such concern to political and ethical philosophers like Plato, Aristotle, Cicero, Montaigne, and Emerson.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

#### **POLI 52H. First-Year Seminar: Friendship in Political Thought. 3 Credits.**

This seminar will explore what relationships have been designated "friendship" in the past, and why they are of such concern to political and ethical philosophers like Plato, Aristotle, Cicero, Montaigne, and Emerson.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

#### **POLI 53. First-Year Seminar: The Politics of Shakespeare. 3 Credits.**

Literature often provides insight into political life. Issues such as power, justice, equality, and rights have long been illuminated by authors seeking to capture a wide variety of political relationships.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **POLI 54. FYS: The American Worker: Sociology, Politics, and History of Labor in the United States. 3 Credits.**

This course will survey a wide range of topics on the American Laborer and the American Worker unions.

**Gen Ed:** NA.

**Grading status:** Letter grade.

#### **POLI 55. First-Year Seminar: Democracy and the Civic Ideal. 3 Credits.**

This course examines the emergence of the increasingly diverse and divided ethnic and racial compositions.

**Gen Ed:** BN.

**Grading status:** Letter grade.

#### **POLI 56. First-Year Seminar: American Political Autobiography. 3 Credits.**

How we think about ourselves as Americans, and how our identities influence our ideas about politics.

**Gen Ed:** PH, NA, US.

**Grading status:** Letter grade.

#### **POLI 57. First-Year Seminar: Democratic Governance in Contemporary Latin America. 3 Credits.**

This seminar explores challenges in democratic governance in contemporary Latin America. With important regional variations, the exercise of state power reflects historical continuities of corruption, patronage politics, and other abuses of state resources. There are also demands for accountability and transparency across the region and more independent judiciaries.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

#### **POLI 58. FYS: Global Production and Workers' Rights: North Carolina, Latin America, and East Asia. 3 Credits.**

This course explores the politics of economic globalization, with a focus on the relationships among trade, multinational corporations, and workers' rights.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

#### **POLI 61. First-Year Seminar: The United States and Cuba: Making Sense of United States Foreign Policy. 3 Credits.**

This interdisciplinary seminar is designed for students who wish to learn about Latin America in the disciplines of history and political science.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

#### **POLI 61H. First-Year Seminar: The United States and Cuba: Making Sense of United States Foreign Policy. 3 Credits.**

This interdisciplinary seminar is designed for students who wish to learn about Latin America in the disciplines of history and political science.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

#### **POLI 62. First-Year Seminar: How Leaders Lead Others. 3 Credits.**

This course prepares the student for an understanding of influence and the practice of political leadership and persuasion.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### **POLI 63. First-Year Seminar: Social Movements and Political Protest and Violence. 3 Credits.**

Unconventional collective political behavior: mass movements, riots, demonstrations, revolts, and revolution.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

#### **POLI 65. First-Year Seminar: Pressure and Power: Organized Interest in American Politics. 3 Credits.**

This course is designed to offer students insight into how political scientists think about political phenomena.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **POLI 66. First-Year Seminar: The United States and the European Union: Partners or Rivals?. 3 Credits.**

The alliance between America and the European Union is one of the most important political relationships today.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **POLI 67. First-Year Seminar: Designing Democracy. 3 Credits.**

Introducing the study of using political institutions as levers of conflict management in ethnically plural, postconflict national states.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **POLI 70. First-Year Seminar: The Politics of the European Union. 3 Credits.**

This course examines the ongoing development of the European Union.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 71. First-Year Seminar: Politics of Race, Ethnicity, Language, Religion, and Gender. 3 Credits.**

This course explores the concepts of race, ethnicity, language, religion, and gender in a comparative context in order to gain a better understanding of their application in the United States.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 71H. First-Year Seminar: Politics of Race, Ethnicity, Language, Religion, and Gender. 3 Credits.**

This course explores the concepts of race, ethnicity, language, religion, and gender in a comparative context in order to gain a better understanding of their application in the United States.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 72. First-Year Seminar: Entrepreneurship in Community and Economic Development. 3 Credits.**

This is a survey course of entrepreneurial strategies as they are used in community and economic development. It involves an individual research or service project by each student.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 73. First-Year Seminar: Politics and Animal Life. 3 Credits.**

Humans and animals have always lived together. Increasingly, philosophers question the exclusion of animals from political life. We explore their centrality to political thought and consider important aspects of human-animal relationships today. Finally, we reexamine the claim that animal life is incongruent with political life.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**POLI 73H. First-Year Seminar: Politics and Animal Life. 3 Credits.**

Humans and animals have always lived together. Increasingly, philosophers question the exclusion of animals from political life. We explore their centrality to political thought and consider important aspects of human-animal relationships today. Finally, we reexamine the claim that animal life is incongruent with political life.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**POLI 75. First-Year Seminar: Thinking about Law. 3 Credits.**

This seminar explores the notion of a rule of law, statutory and case law, legal analysis, and the realities of the adversarial system and legal practice. Students will be engaged in analytical thinking and expression through classroom discussion, analytical papers, and examinations.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**POLI 89. First-Year Seminar: Special Topics. 3 Credits.**

Course content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**POLI 100. Introduction to Government in the United States. 3 Credits.**

An introductory course designed to explain the basic processes and issues of the American political system.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 100H. Introduction to Government in the United States. 3 Credits.**

An introductory course designed to explain the basic processes and issues of the American political system.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 101. State and Local Government in the United States. 3 Credits.**

An introductory course on the government, politics, and policies at the state and local levels of the United States federal system.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 101H. State and Local Government in the United States. 3 Credits.**

An introductory course on the government, politics, and policies at the state and local levels of the United States federal system.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 130. Introduction to Comparative Politics. 3 Credits.**

This course highlights the comparative method by seeking to understand differences among diverse states on several continents.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**POLI 130H. Introduction to Comparative Politics. 3 Credits.**

This course highlights the comparative method by seeking to understand differences among diverse states on several continents.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**POLI 131. Political Change and Modernization. 3 Credits.**

An overview of politics and government in the Third World, emphasizing characteristics, problems, and solutions (successful and otherwise) common to nations making the attempt to modernize.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 150. International Relations and World Politics. 3 Credits.**

The analysis of politics among nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 150.

**POLI 150H. International Relations and World Politics. 3 Credits.**

The analysis of politics among nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 150H.

**POLI 150L. International Relations and World Politics Research Laboratory. 1 Credit.**

Permission of the instructor. This laboratory section introduces students in POLI 150 to contemporary research methods in the study of international relations and world politics. Students will design and conduct independent research related to international politics.

**Requisites:** Co-requisite, POLI 150;

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**POLI 190. Undergraduate Seminar. 3 Credits.**

A detailed examination of selected topics in the field of political science.

**Gen Ed:** SS.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**POLI 193. Internship in Political Science. 3 Credits.**

Required preparation, six hours of POLI course credit. An opportunity to obtain credit for an internship in a government or public service organization. Pass/Fail only. Does not count toward the political science major. Requires permission of the department. Open to political science majors only.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**POLI 200. The President, Congress, and Public Policy. 3 Credits.**

An analysis of the roles and influence of the president, the Congress, and other participants in the making of national policy.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 201. Politics of Bureaucracy. 3 Credits.**

Problems of the public service; internal dynamics of public organizations; acquisition and allocation of public funds; the roles of bureaucracy in relation to public policy, clients, the citizenry, and society.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 202. The United States Supreme Court. 3 Credits.**

Examination of the process of policy making on the Supreme Court. Focuses upon the selection of justices, factors affecting the court's decision making, and the impact of its policies.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 203. Race, Innocence, and the Decline of the Death Penalty. 4 Credits.**

A large majority of Americans supports the death penalty in the abstract, but the number of death sentences and executions has been declining since the mid-1990s. This course explores the decline of the death penalty by looking at race, questions of innocence, and the new politics of capital punishment.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 204. Introduction to Southern Politics. 3 Credits.**

This course examines the politics of the American South. Each state is studied separately and we examine the region from a broad/general perspective. Both academic books and journal articles are read. By the end of the course, students should be familiar with historical and contemporary politics in the South.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 207. The Politics of Organized Interests. 3 Credits.**

This course examines how interests organize themselves, enter into and then interact within interest communities, and seek to influence government policy through electoral activity and lobbying legislators, executives, and courts.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 208. Political Parties and Elections. 3 Credits.**

An analysis of the dynamics of party alignment and realignment and of nomination and election to public office in American national government.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 208H. Political Parties and Elections. 3 Credits.**

An analysis of the dynamics of party alignment and realignment and of nomination and election to public office in American national government.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 209. Analyzing Public Opinion. 3 Credits.**

A study of forces affecting public opinion and its expression in various political activities. Emphasis on gathering and analyzing opinion data. Course may be taught in the computer classroom.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**POLI 209H. Analyzing Public Opinion. 3 Credits.**

A study of forces affecting public opinion and its expression in various political activities. Emphasis on gathering and analyzing opinion data. Course may be taught in the computer classroom.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**POLI 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** GLOBL 210, ANTH 210, GEOG 210, HIST 210.

**POLI 215. Political Psychology: An Introduction. 3 Credits.**

Findings of the behavioral sciences are examined as they relate to politics. Includes such issues as human nature, community, political socialization, alienation, mass movements, belief systems, and personality.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 217. Women and Politics. 3 Credits.**

A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** WGST 217.

**POLI 218. Politics of Sexuality. 3 Credits.**

Examines the role of lesbians, gays, and bisexuals as political actors in the United States, both as individuals and collectively as a social movement.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 218.

**POLI 220. Race, Ethnicity, and Electoral Representation in the United States. 3 Credits.**

This course examines the electoral representation of racial and ethnic minorities in the United States. While multiple ethnic groups are studied, there will be an emphasis on the two largest minority groups in the country: Latinos and African Americans.

**Gen Ed:** US.

**Grading status:** Letter grade.

**POLI 231. Latin America and the United States in World Politics. 3 Credits.**

A survey of the events, institutions, and issues that have dominated relations between Latin America and the United States.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 232. Politics of the United Kingdom. 3 Credits.**

An introduction to contemporary UK politics emphasizing the political battle between socialist and conservative ideologies.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 232H. Politics of the United Kingdom. 3 Credits.**

An introduction to contemporary UK politics emphasizing the political battle between socialist and conservative ideologies.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 235. The Politics of Russia and Eurasia. 3 Credits.**

Factors and forces that explain the rise and demise of the Soviet political system and consideration of emerging new political configurations in the area.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 235H. The Politics of Russia and Eurasia. 3 Credits.**

Factors and forces that explain the rise and demise of the Soviet political system and consideration of emerging new political configurations in the area.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 236. Politics of East-Central Europe. 3 Credits.**

Examines contemporary politics in east-central Europe by looking at the communist period, the 1989 revolutions, and the political, economic, and social transformations underway in the area.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 236H. Politics of East-Central Europe. 3 Credits.**

Examines contemporary politics in east-central Europe by looking at the communist period, the 1989 revolutions, and the political, economic, and social transformations underway in the area.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 237. The Politics of China. 3 Credits.**

An introduction to the politics of People's Republic of China with a focus on the Reform Era. Provides a working knowledge for understanding political events in contemporary China in three parts: historical background, evolution of political institutions, and changing relations between ordinary people and the Chinese state.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 238. Contemporary Latin American Politics. 3 Credits.**

An introduction to contemporary political conditions in Latin America, including consideration of leading theoretical explanations. Country emphasis varies with instructor.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 238H. Contemporary Latin American Politics. 3 Credits.**

An introduction to contemporary political conditions in Latin America, including consideration of leading theoretical explanations. Country emphasis varies with instructor.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 239. Introduction to European Government. 3 Credits.**

A treatment of the political institutions and processes of western European democracies, with special attention to France, Germany, England, and Italy.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade

**Same as:** EURO 239.

**POLI 239H. Introduction to European Government. 3 Credits.**

A treatment of the political institutions and processes of western European democracies, with special attention to France, Germany, England, and Italy.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade

**Same as:** EURO 239H.

**POLI 240. African American Politics. 3 Credits.**

A survey of African American political development from emancipation to the present. The course examines the dynamics of minority group politics with African Americans as the primary unit of analysis. Students consider African American politics in domestic and global contexts and issues of local, regional, national, and international relevance.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** AAAD 240.

**POLI 248. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** AMST 248, ENGL 248, WGST 249.

**POLI 252. International Organizations and Global Issues. 3 Credits.**

Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 252.

**POLI 252H. International Organizations and Global Issues. 3 Credits.**

Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 252H.

**POLI 253. Problems in World Order. 3 Credits.**

An examination of selected topics in international relations, such as security and defense, international integration, and north-south relations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 253.

**POLI 254. International Environmental Politics. 3 Credits.**

Covers the politics of environmental issues, with a focus on issues that have become internationalized. It focuses on the special problems that arise in creating rules for environmental management and regulation when no single government has authority to enforce those rules.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ENEC 254.

**POLI 255. International Migration and Citizenship Today. 3 Credits.**

This class explores the moral, economic, political, and cultural dimensions of international migration. It is discussion-based and tackles such thorny questions as, Do we have an obligation to let poor people into our rich country? What constitutes persecution? How do foreigners affect national identity? How should citizenship be allocated?

**Gen Ed:** GL, US.

**Grading status:** Letter grade.

**POLI 255H. International Migration and Citizenship Today. 3 Credits.**

This class explores the moral, economic, political, and cultural dimensions of international migration. It is discussion-based and tackles such thorny questions as, Do we have an obligation to let poor people into our rich country? What constitutes persecution? How do foreigners affect national identity? How should citizenship be allocated?

**Gen Ed:** GL, US.

**Grading status:** Letter grade.

**POLI 256. The Politics of the First Era (1880-1914) of Globalization. 3 Credits.**

This course considers the politics of international trade and finance on the eve of World War I. We explore the factors, domestic and international, that facilitated integration prior to World War I, as well as those that prevented a return to economic openness in the 1920s and 1930s.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 257. Politics, Society, and Culture in Postwar Germany. 3 Credits.**

The interdisciplinary seminar will explore cultural, historical, and political issues of contemporary Germany and analyze German developments from the postwar period to the present. Readings and discussions in English.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 257, EURO 257.

**POLI 260. Crisis and Change in Russia and Eastern Europe. 3 Credits.**

Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** PWAD 260, SOCI 260.

**POLI 265. Feminism and Political Theory. 3 Credits.**

Introduction to feminist theory and its implications for the study and practice of political theory. Topics: women in feminist critiques of the Western political tradition, schools of feminist political theory.

**Gen Ed:** PH, CI, NA.

**Grading status:** Letter grade

**Same as:** WGST 265.

**POLI 270. Classical Political Thought. 3 Credits.**

Survey designed to introduce students to major political thinkers and ideas of the ancient world and of the medieval period.

**Gen Ed:** PH, NA, WB.

**Grading status:** Letter grade.

**POLI 270H. Classical Political Thought. 3 Credits.**

Survey designed to introduce students to major political thinkers and ideas of the ancient world and of the medieval period.

**Gen Ed:** PH, NA, WB.

**Grading status:** Letter grade.

**POLI 271. Modern Political Thought. 3 Credits.**

Survey course designed to introduce students to major political thinkers and schools of thought dating roughly from the 16th century to the present.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 271H. Modern Political Thought. 3 Credits.**

Survey course designed to introduce students to major political thinkers and schools of thought dating roughly from the 16th century to the present.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 272. The Ethics of Peace, War, and Defense. 3 Credits.**

An analysis of ethical issues that arise in peace, war, and defense, e.g., the legitimacy of states, just war theory, terrorism, weapons of mass destruction.

**Gen Ed:** PH, GL, NA.

**Grading status:** Letter grade

**Same as:** PHIL 272, PWAD 272.

**POLI 274. African American Political Thought. 3 Credits.**

A consideration of the political thought of African Americans, particularly within the context of the broader spectrum of American political thought, and both as reaction and contribution to that thought.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**POLI 276. Major Issues in Political Theory. 3 Credits.**

An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 276H. Major Issues in Political Theory. 3 Credits.**

An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 280. American Political Thought. 3 Credits.**

A survey course in American political ideas from the 17th century to the present, with emphasis on the role of politics, society, and economy in American thought.

**Gen Ed:** PH, NA, US.

**Grading status:** Letter grade.

**POLI 280H. American Political Thought. 3 Credits.**

A survey course in American political ideas from the 17th century to the present, with emphasis on the role of politics, society, and economy in American thought.

**Gen Ed:** PH, NA, US.

**Grading status:** Letter grade.



**POLI 281. Quantitative Research in Political Science. 3 Credits.**

An introduction to 1) conceptual foundations of scientific study of politics, 2) research design, 3) descriptive statistics, and 4) inferential statistics. To accomplish these goals, the course employs class lectures, readings, and problem set assignments.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**POLI 285. Research Methods and Experiments. 3 Credits.**

This course is designed to provide students with a thorough understanding of the various quantitative research methods available to researchers in social science. No prerequisite is required. The course will focus on experimental methods in political science, including laboratory experiments, field experiments, and survey experiments.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**POLI 287. Strategy and International Relations. 3 Credits.**

Introduction to the study of strategic decision making in international relations, with an emphasis on the application of basic game theoretic models. Incorporates in-class simulations of international relations scenarios.

**Gen Ed:** SS, GL, QI.

**Grading status:** Letter grade

**Same as:** PWAD 287.

**POLI 288. Strategy and Politics. 3 Credits.**

Offers an introduction to positive political theory, the application of rational choice analysis (or economic models) to the study of political phenomena. Topics include social choice theory, legislative voting, problems of cooperation and collective action, and public choice theory. Encourages students to think about politics from a critical vantage point.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**POLI 333. Race and Public Policy in the United States. 3 Credits.**

Exploration of the relationship between race and public policy in the U.S. Primary focus on African Americans, but other racial groups also studied. Key areas include reproductive justice, health care, employment, labor, welfare, education, housing, environmental justice, policing, criminalization, foreign policy, immigration, and war.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** AAAD 333.

**POLI 345. Buying Influence: Interest Groups and Public Policy. 3 Credits.**

Students will gain an understanding of the role interest groups play in American public policy and how that role has shifted over time. The course emphasizes the role of interest groups in four policy areas: civil rights, the environment, social policy, and campaign finance.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PLCY 345.

**POLI 350. Peace Science Research. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) introduces students to the practice of quantitative research on peace, conflict, and conflict resolution. Students work in teams to develop original research projects that answer policy-relevant questions in the field of peace science.

**Requisites:** Prerequisite, POLI 150.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade.

**POLI 384. Introduction to Philosophy, Politics, and Economics. 3 Credits.**

One course in economics strongly recommended. This interdisciplinary gateway course provides an introduction to subjects and quantitative techniques used to analyze problems in philosophy, political science, and economics.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHIL 384, ECON 384.

**POLI 395. Mentored Research in Political Science. 1-3 Credits.**

Required preparation, six hours of POLI course credit. Permission of the instructor. Students carry out a research project under the direct supervision of a faculty mentor. Learning contract required. Open to political science majors.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**POLI 396. Directed Readings in Political Science. 1-3 Credits.**

Required preparation, six hours of POLI course credit. Permission of the instructor. Directed readings in a special field under the direction of a faculty member. Learning contract required. Open to political science majors.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****POLI 400. Executive Politics. 3 Credits.**

This course explores how presidents select policy options, how they decide timing, what shapes their congressional support, and how they build successful coalitions.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**POLI 401. Political Economy I: The Domestic System. 3 Credits.**

Problems of the national government in managing capitalist development and economic growth; political constraints; patterns of conflict among domestic actors.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 402. Assessing Political Tragedy: Modeling How Leaders Influence Other Leaders. 3 Credits.**

This course uses modern analytic techniques and theories to assess how actual leaders turn their peers into followers. It uses psychology, economics, institutional design, and public administration to criticize our understanding of leadership and the nature of political interactions. The course utilizes a writing-intensive and project-oriented teaching strategy.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**POLI 404. Race, Immigration, and Urban Politics. 3 Credits.**

This course provides a survey of the literature on race, immigration, and urban politics in the contemporary United States. The goal is to understand the complex relationship between racial/ethnic identity and local political processes. Students explore topics such as police brutality, immigration, the education system, and coalition politics.

**Requisites:** Prerequisite, POLI 100.

**Gen Ed:** SS, EE- Service Learning, US.

**Grading status:** Letter grade.

**POLI 406. State Governments: Laboratories of Democracy. 3 Credits.**

Advanced topics in state government and politics, including political behavior and processes, governmental institutions, public policies. Emphasis on how states serve as the laboratories of democracy in a federal system.

**Requisites:** Prerequisite, POLI 100 or 101.

**Grading status:** Letter grade.

**POLI 409. Mock Constitutional Convention. 3 Credits.**

Students employ their understanding of political philosophy and practical politics to write a new constitution for the United States. Emphasis is on creative blending of theory and practice.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 410. The Constitution of the United States. 3 Credits.**

A study of the fundamental principles of constitutional interpretation and practice in the United States by means of lectures, textbooks, and cases. Emphasis will be on the political context surrounding and the impact following Supreme Court decisions.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 411. Civil Liberties under the Constitution. 3 Credits.**

An analysis of the complex political problems created by the expansion of protection for individual liberties in the United States. Emphasis will be on contemporary problems with some supplemental historical background.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**POLI 411H. Civil Liberties under the Constitution. 3 Credits.**

An analysis of the complex political problems created by the expansion of protection for individual liberties in the United States. Emphasis will be on contemporary problems with some supplemental historical background.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**POLI 412. United States National Elections. 3 Credits.**

Course studies United States presidential and congressional elections. Emphasis on individual vote, changing party strengths, and the relation of outcomes to policy.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 412H. United States National Elections. 3 Credits.**

Course studies United States presidential and congressional elections. Emphasis on individual vote, changing party strengths, and the relation of outcomes to policy.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 416. Constitutional Policies and the Judicial Process. 3 Credits.**

Analysis of the structure and functions of judicial systems emphasizing the organization, administration, and politics of judicial bureaucracies and roles of judges, juries, counsel, litigants, and interested groups in adjudication processes.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 416.

**POLI 417. Advanced Political Psychology. 3 Credits.**

Examines in greater depth issues in the field of political psychology, including conflict and conflict resolution, socialization, attitude formation, mass movements, leader-follower relationships, and psychobiography.

**Gen Ed:** SS, CI, QI.

**Grading status:** Letter grade.

**POLI 417H. Advanced Political Psychology. 3 Credits.**

Examines in greater depth issues in the field of political psychology, including conflict and conflict resolution, socialization, attitude formation, mass movements, leader-follower relationships, and psychobiography.

**Gen Ed:** SS, CI, QI.

**Grading status:** Letter grade.

**POLI 418. Mass Media and American Politics. 3 Credits.**

Junior-senior standing required. Examination of the role, behavior, and influence of the mass media in American politics.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 419H. Race and Politics in the Contemporary United States. 3 Credits.**

Restricted to juniors and seniors. Surveys the vast literature on race and politics in the contemporary United States and examines the complex relationship between racial and ethnic identity and political outcomes. It explores broad political science concepts in the context of racial and ethnic groups.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 419. Race and Politics in the Contemporary United States. 3 Credits.**

Restricted to juniors and seniors. Surveys the vast literature on race and politics in the contemporary United States and examines the complex relationship between racial and ethnic identity and political outcomes. It explores broad political science concepts in the context of racial and ethnic groups.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 420. Legislative Politics. 3 Credits.**

Examines the politics of the United States Congress. Emphasis on representation, the legislative process, and policy making.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 420H. Legislative Politics. 3 Credits.**

Examines the politics of the United States Congress. Emphasis on representation, the legislative process, and policy making.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 421. Framing Public Policies. 3 Credits.**

This course will focus on the process by which policies get framed, or defined, in public discussions. Framing is focusing attention on some elements of a complex public problem rather than others. Readings combine psychological background with case histories of United States and comparative public policy changes over time.

**Gen Ed:** SS, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**POLI 422. Minority Representation in the American States. 3 Credits.**

This class explores the political representation of blacks, Latina/os, women, and gays and lesbians in the American states. How do these groups achieve descriptive and substantive representation? How does state context shape the political representation of these minorities? Students taking this course should have a strong interest in state politics.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 424. Legislative Procedure in Congress. 3 Credits.**

Examines legislative procedure in Congress. Requires active participation in a Model Congress.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 428. Sexuality, Race, and Gender: Identity and Political Representation. 3 Credits.**

Analyzing the impact of the descriptive representation of marginalized communities on public policy, legislation, and social change. Sexual orientation, identity, gender, ethnicity and race, and the intersectionality of these communities. We seek to understand the role that elected officials can have in driving change, affecting their colleagues and constituents.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**POLI 429. Diversity and Politics. 3 Credits.**

Diversity is sometimes cited as a facilitator of political cooperation but more often it is considered a challenge for constructive civic engagement. This course engages the various ways in which different forms of diversity (e.g., racial, ethnic, religious, linguistic, national origin) and politics interact across a wide range of societies.

**Requisites:** Prerequisite, POLI 130.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**POLI 430. Analysis of National Security Policy. 3 Credits.**

Course explores contemporary threats to national security, approaches to national security strategy, policy instruments, the role of military force, and the policy-making process.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PLCY 430, PWAD 430.

**POLI 431. African Politics and Societies. 3 Credits.**

The problems of race, class, and ideology are explored in the countries south of the Zambezi River, along with the political and economic ties that bind these countries.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**POLI 432. Tolerance in Liberal States. 3 Credits.**

This course will compare the theory and practice of tolerance in the United States and Europe, with particular attention to Great Britain and France.

**Gen Ed:** PH, CI, NA.

**Grading status:** Letter grade.

**POLI 433. Politics of the European Union. 3 Credits.**

Examines the politics and political economy of institutional change and policy making in the European Union in comparative perspective.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade.

**POLI 433H. Politics of the European Union. 3 Credits.**

Examines the politics and political economy of institutional change and policy making in the European Union in comparative perspective.

**Gen Ed:** SS, GL, NA.

**Grading status:** Letter grade.

**POLI 434. Politics of Mexico. 3 Credits.**

This course provides a survey of 20th-century politics in Mexico, including the construction of the single-party regime under the PRI and the political and economic changes in the second half of the century that marked the end of the one-party regime and inaugurated a new era of political competition.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 435. Democracy and Development in Latin America. 3 Credits.**

The analysis of central issues of democracy and development in Latin America.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**POLI 435H. Democracy and Development in Latin America. 3 Credits.**

The analysis of central issues of democracy and development in Latin America.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**POLI 436. Democracy and Development in Latin America (Spanish). 3 Credits.**

The analysis of central issues of democracy and development in Latin America.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 437. Political Change in Asia. 3 Credits.**

This course will address how various nations in Asia are handling the pressures of democratization, the globalization of "democratic norms," and internal challenges to authoritarian regimes.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**POLI 438. Democracy and International Institutions in an Undivided Europe. 3 Credits.**

Explores the collapse of communist rule in 1989 and the reaction of international institutions to the challenges of democratization, economic transition, ethnic conflict, and European integration in an undivided Europe.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**POLI 440. How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival. 3 Credits.**

Dictators do not rely on consent of the people to stay in power. But they do still face constraints and must perform a delicate balancing act to maintain enough support to stay in office and reap its rewards. This class seeks to understand when autocrats are successful and when they fail.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 441. Israeli Politics and Society. 3 Credits.**

This course will explore Israeli society, Israeli politics, and the Arab-Israeli conflict.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**POLI 442. International Political Economy. 3 Credits.**

Theories of international political economy, major trends in international economic relations, selected contemporary policy issues.

**Requisites:** Prerequisites, ECON 101 and POLI 150.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** EURO 442.

**POLI 443. American Foreign Policy: Formulation and Conduct. 3 Credits.**

The role of Congress, the press, public opinion, the president, the secretary and the Department of State, the military, and the intelligence community in making American foreign policy. Emphasizes the impact of the bureaucratic process on the content of foreign policy.

**Requisites:** Prerequisite, POLI 150; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PWAD 443.

**POLI 444. Terrorism and International Peace. 3 Credits.**

The U.S. 9/11 attack represents the defining terrorist attack to Americans, but in most of the world, terrorism has long been part of politics. We will examine what motivates individuals to consider violence, how individuals organize to protect their political interests, the types of tactics used by violent groups and the state's response, before concluding with a study of collapsed states, the international implications of political violence, and possibilities for conflict resolution.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 444.

**POLI 445. When Countries Go Broke: Political Responses to Economic Crises. 3 Credits.**

What happens when countries go broke? This course examines the complex interdependence between taxation, debt, and the development of the state, and considers how politicians have generated and responded to a series of economic crises in the past half century.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 447. Immigrant Integration in Contemporary Western Europe. 3 Credits.**

Immigrant integration has been one of the most intense political issues in Western Europe in recent decades. The extent to which these immigrants have successfully integrated is a hot topic of debate across Europe, and there is no consensus about the best way to promote integration. This course explores these debates.

**Gen Ed:** SS, CI, NA.

**Grading status:** Letter grade.

**POLI 447H. Immigrant Integration in Contemporary Western Europe. 3 Credits.**

Immigrant integration has been one of the most intense political issues in Western Europe in recent decades. The extent to which these immigrants have successfully integrated is a hot topic of debate across Europe, and there is no consensus about the best way to promote integration. This course explores these debates.

**Gen Ed:** SS, CI, NA.

**Grading status:** Letter grade.

**POLI 448. The Politics of Multilevel Governance. 3 Credits.**

Political authority is changing around the world. Decision making has shifted down to state and local governments, such as Catalonia and Scotland, and up to international organizations such as the European Union and the World Health Organization. What does this mean for the future of the national state?

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 449. Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability. 3 Credits.**

This course explores the politics behind taxation, foreign aid, natural resources, and debt, focusing on how each affects accountability and state capacity. Topics include when governments tax; whether taxation causes democratization; the effects of foreign aid and oil money on corruption and conflict; and how government debt shapes domestic politics.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 450. Contemporary Inter-American Relations. 3 Credits.**

A comprehensive analysis of hemispheric international relations and foreign policies of individual Latin American nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 450H. Contemporary Inter-American Relations. 3 Credits.**

A comprehensive analysis of hemispheric international relations and foreign policies of individual Latin American nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 451. Race, Ethnicity, and Political Change in Comparative Perspective. 3 Credits.**

The course examines the interplay of race, ethnicity, political institutions, and political mobilization in modern state and nation-building. Through the use of broadly drawn international case studies, the politics of ethnicity and race is analyzed from the perspective of global processes of state building, colonialism and decolonization, and capitalist development as well from local development of ideology and political organizations.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**POLI 452. Africa and International Conflict. 3 Credits.**

The purpose of this course is to examine Africa's conflicts using an historical examination and advances in international relations theory. We will examine European colonial intervention, the wars of independence, the Cold War, and the use of proxies, insurgencies, the African World War, the Sudanese War, and the "war of terrorism.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**POLI 453. When Countries Go Broke: Political Responses to Financial Crises. 3 Credits.**

What happens when countries go broke? This course considers the complex historical relation between revenue generation and the development of the nation-state, and details a variety of major crises facing governments today, including the political determinants of and responses to major recent financial crises.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**POLI 457. International Conflict Processes. 3 Credits.**

Analysis of international conflict and the causal mechanisms that drive or prevent conflict. Emphasis is on the conditions and processes of conflict and cooperation between nations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 457.

**POLI 458. International Conflict Management and Resolution. 3 Credits.**

Examines the management and resolution of international and civil wars.

**Requisites:** Prerequisite, POLI 150.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PWAD 458.

**POLI 458H. International Conflict Management and Resolution. 3 Credits.**

Examines the management and resolution of international and civil wars.

**Requisites:** Prerequisite, POLI 150.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PWAD 458H.

**POLI 459. Trans-Atlantic Security. 3 Credits.**

The course explores the development of Euro-Atlantic security institutions (NATO, EU) and compares security policy in the United States and Europe. Cases include policy toward the Balkans, Afghanistan, Russia, and Ukraine. Includes review of concepts of security and selected international relations approaches to international organizations.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 459.

**POLI 469. Conflict and Intervention in the Former Yugoslavia. 3 Credits.**

Focuses on ethnic and political conflicts in the former Yugoslavia and efforts by the international community to end conflict and promote peace and reconstruction.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 469.

**POLI 469H. Conflict and Intervention in the Former Yugoslavia. 3 Credits.**

Focuses on ethnic and political conflicts in the former Yugoslavia and efforts by the international community to end conflict and promote peace and reconstruction.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 469H.

**POLI 470. Social and Political Philosophy. 3 Credits.**

An examination of the logic of social and political thought with an analysis of such concepts as society, state, power, authority, freedom, social and political obligation, law, rights.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 470H. Social and Political Philosophy. 3 Credits.**

An examination of the logic of social and political thought with an analysis of such concepts as society, state, power, authority, freedom, social and political obligation, law, rights.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 471. Contemporary Political Thought. 3 Credits.**

Survey of the historical foundations, central tenets, and political consequences of prominent 20th-century political theories. Topics include contemporary liberalism and Marxism, fascism, theories of development, populism, feminism.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 471H. Contemporary Political Thought. 3 Credits.**

Survey of the historical foundations, central tenets, and political consequences of prominent 20th-century political theories. Topics include contemporary liberalism and Marxism, fascism, theories of development, populism, feminism.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 472. Problems of Modern Democratic Theory. 3 Credits.**

Major problem areas in democratic theory including definitions, presuppositions, and justifications of democracy, liberty, equality, minority rights, public interest, participation, dissent, and civil disobedience.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 472H. Problems of Modern Democratic Theory. 3 Credits.**

Major problem areas in democratic theory including definitions, presuppositions, and justifications of democracy, liberty, equality, minority rights, public interest, participation, dissent, and civil disobedience.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 473. Politics and Literature. 3 Credits.**

Identifies and interprets political ideas using historical and contemporary literary sources. Examines literature as political practice.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**POLI 474. Religion and Politics. 3 Credits.**

Examines the relationship between religion and politics, with emphasis on the United States. Topics include church-state issues, religious-political movements, religion and public policy, religion and voting.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**POLI 477. Advanced Feminist Political Theory. 3 Credits.**

Examines in greater depth and complexity current issues in feminist political theory. Topics: theories of subjectivity and solidarity, feminist poststructuralist and post-Marxist thinking, gender in the public sphere.

**Gen Ed:** PH, CI, NA.

**Grading status:** Letter grade

**Same as:** WGST 477.

**POLI 488. Game Theory. 3 Credits.**

Increasingly, political and social scientists are using game theory to analyze strategic interactions across different settings. This course aims to give students a deep technical understanding of the most relevant concepts of game theory and how these concepts have been applied to the study of political and economic phenomena.

**Requisites:** Prerequisite, POLI 287 or 288.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**POLI 490. Advanced Undergraduate Seminar. 3 Credits.**

A detailed examination of advanced special topics in political science.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**POLI 490H. Advanced Undergraduate Seminar. 3 Credits.**

A detailed examination of advanced special topics in political science.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.



**POLI 630. Political Contestation in Europe. 3 Credits.**

Examines recent developments in the European integration process by exploring the potential for political contestation concerning European Union matters in national politics. Familiarizes students with the main theoretical approaches and the extensive empirical work dealing with the effects of European integration.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 631. European Security: The Enlarging European Union and the Trans-Atlantic Relationship. 3 Credits.**

Permission of the instructor for undergraduates. Since the collapse of communism from 1989 to 1991, the European Union has faced a fundamentally different geopolitical neighborhood and an evolving relationship with the United States. We will explore how Europe has addressed new challenges to its security in its neighborhood and beyond.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 632. The European Union as a Global Actor. 3 Credits.**

Permission of the instructor for undergraduates. This seminar introduces students to basic theoretical approaches to both international relations and the European Union by focusing on the European Union's external relations and foreign policies.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 633. Tolerance and Liberal States. 3 Credits.**

Permission of the instructor for undergraduates. This course examines tolerance and citizenship in the European Union and North America, with particular attention to the United States, Britain, France, Spain, Italy, Germany, and The Netherlands.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**POLI 691H. Honors Seminar in Research Design. 3 Credits.**

Required of all students in the honors program in political science.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**POLI 692H. Honors Thesis Research. 3 Credits.**

Required of all students in the honors program in political science.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**POLI 693H. Honors Thesis Research. 3 Credits.**

Required of all students in the honors program in political science.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**POLI 698. Philosophy, Politics, and Economics: Capstone Course. 3 Credits.**

Permission of the department. This capstone course advances PHIL 384, focusing on such theoretical and philosophical issues as the analysis of rights or distributive justice and the institutional implications of moral forms.

**Requisites:** Prerequisite, PHIL 384.

**Grading status:** Letter grade

**Same as:** PHIL 698, ECON 698.

## Political Science Major, B.A.

### Contact Information

Department of Political Science

Visit Program Website (<http://politicalscience.unc.edu>)

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Political science is concerned with the description and explanation of political ideas, institutions, processes, policies, and behavior, both in the United States and in other countries. The undergraduate program provides students with a basic knowledge of the political and economic relationships that exist among nations, international agencies, and governmental and nongovernmental organizations. It also introduces students to the role that traditions of thought and political ideologies have played in shaping our understanding of politics in the past and today.

The undergraduate major is designed to provide

1. a broad understanding of political ideas, institutions, and issues as a central element of a general education;
2. a basic knowledge of the governmental process as preparation for those considering a career in public service as well as for active and informed citizenship;
3. preprofessional training for students planning to enter law school; and
4. a foundation in political science for those contemplating specialization at the graduate level.

## Student Learning Outcomes

Upon completion of the political science program, students should be able to:

- Demonstrate a command of at least one of the following areas of substantive knowledge:
  - Themes and concepts that have shaped the Western political tradition, as well as core contemporary political theoretical issues
  - Principles and processes of American political institutions, political behavior, and civic culture
  - Principles and processes of political institutions, political behavior, and civic culture in societies other than the United States
  - Fundamental structures and forces that shape relations between states
- Demonstrate competence in the identification, use, and development of theoretical explanations appropriate for the study of their respective areas of substantive focus. These skills may include:
  - Evaluating competing theories of political explanation
  - Reconstructing the logic of political theories
  - Constructing theoretical models intended to address specific questions in political analysis
- Demonstrate a working understanding of the methods appropriate for developing rigorous description and explanation of political

phenomena. These may include one or more of the following, depending on the student's area of substantive interest:

- Principles of textual interpretation and critical evaluation
- Identification, collection, and organization of empirical data
- Use of qualitative, quantitative, and other analytical techniques for analyzing data

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Nine courses, including the following courses and including at least one 400-level political science (POLI) course:		
POLI 100	Introduction to Government in the United States <sup>H</sup>	3
POLI 150	International Relations and World Politics <sup>H</sup>	3
One course in comparative politics chosen from:		3
POLI 130	Introduction to Comparative Politics <sup>H</sup>	
POLI 131	Political Change and Modernization	
POLI 232	Politics of the United Kingdom <sup>H</sup>	
POLI 235	The Politics of Russia and Eurasia <sup>H</sup>	
POLI 236	Politics of East-Central Europe <sup>H</sup>	
POLI 237	The Politics of China	
POLI 238	Contemporary Latin American Politics <sup>H</sup>	
POLI 239	Introduction to European Government <sup>H</sup>	
One course in political theory chosen from:		3
POLI 265	Feminism and Political Theory	
POLI 270	Classical Political Thought <sup>H</sup>	
POLI 271	Modern Political Thought <sup>H</sup>	
POLI 272	The Ethics of Peace, War, and Defense	
POLI 274	African American Political Thought	
POLI 276	Major Issues in Political Theory <sup>H</sup>	
POLI 280	American Political Thought <sup>H</sup>	
POLI 470	Social and Political Philosophy <sup>H</sup>	
POLI 471	Contemporary Political Thought <sup>H</sup>	
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	
One course in research methods chosen from: <sup>1</sup>		3
POLI 209	Analyzing Public Opinion <sup>H</sup>	
POLI 281	Quantitative Research in Political Science	
POLI 285	Research Methods and Experiments	
POLI 287	Strategy and International Relations	
POLI 288	Strategy and Politics	
POLI 417	Advanced Political Psychology <sup>H</sup>	
POLI 488	Game Theory	

POLI 691H	Honors Seminar in Research Design	
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	
GEOG 391	Quantitative Methods in Geography	
GEOG 392	Research Methods in Geography	
PHIL 140	Knowledge and Society <sup>H</sup>	
PHIL 154	Philosophy of the Social Sciences	
PHIL 335	Theory of Knowledge	
PHIL 357	Induction, Probability, and Confirmation	
PLCY 460	Quantitative Analysis for Public Policy <sup>H</sup>	
PSYC 270	Laboratory Research in Psychology	
SOCI 251	Research Methods	
SOCI 252	Data Analysis	
Four political science (POLI) electives at the 100 level or above <sup>2,3</sup>		12
<b>Additional Requirements</b>		
ECON 101	Introduction to Economics <sup>H</sup>	3
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Whenever possible, students are encouraged to take a research methods course in political science. However, students with a second major in a related discipline may find it beneficial to fulfill this requirement with one of the alternative courses.

<sup>2</sup> First-year seminars do not count toward the political science major.

<sup>3</sup> Whenever possible, students should take an introductory course in a subfield (American politics, comparative politics, international relations, political theory) before taking more advanced courses in the subfield.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
POLI 100	Introduction to Government in the United States <sup>H</sup>	3
POLI 150	International Relations and World Politics <sup>H</sup>	3
ENGL 105	English Composition and Rhetoric	3
Foreign language levels 2 and 3 (FL)		6
Quantitative reasoning (QR)		3
Additional General Education (p. 27) and elective courses		12
Hours		30
<b>Sophomore Year</b>		
POLI --	Comparative politics course	3
POLI --	Political theory course	3
ECON 101	Introduction to Economics <sup>1,H</sup>	3
Research methods course		3

Additional General Education (p. 27) and elective courses	18
Hours	30
<b>Junior Year</b>	
Two POLI elective courses <sup>2</sup>	6
Additional General Education (p. 27) and elective courses	24
Hours	30
<b>Senior Year</b>	
Two POLI elective courses <sup>2</sup>	6
Additional General Education (p. 27) and elective courses	24
Hours	30
<b>Total Hours</b>	<b>120</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students with a second major in economics (p. 409) or public policy (p. 800) and students who plan to apply for admission to the business school (p. 936) may want to take ECON 101 in their first year. For more information, please consult Sample Plans for those programs.

<sup>2</sup> At least one political science course must be at the 400 level.

## Special Opportunities in Political Science

### Political Science Major, NUS Joint Degree

Political science majors may wish to consider applying for the Joint Degree Program, an innovative joint undergraduate degree program joining the University of North Carolina at Chapel Hill and the National University of Singapore. UNC–Chapel Hill undergraduates spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of arts degree from both institutions. For further information, contact the Study Abroad Office.

### Honors in Political Science

The honors program provides political science majors the opportunity to pursue an independent research project over a two-semester period. Students begin the program by taking POLI 691H in the spring semester of their junior year. During this course they complete a thesis proposal.

If the proposal is acceptable, students continue their thesis research in the senior year under the supervision of the honors director and a faculty advisor in POLI 692H and POLI 693H. A maximum of two honors thesis courses can count as elective credit in the major. Upon successful completion of the program, which includes an oral defense of the thesis, students are awarded a degree with honors or with highest honors in political science.

To be admitted to the honors program, students must have at least a 3.3 overall grade point average and a 3.5 in political science courses. They should have completed at least four courses in the major. Students interested in participating in the honors program should apply by October 15 of their junior year. For further information on the honors program, please consult the department's Web site (<http://politicalscience.unc.edu/undergraduate/honors-program>).

### Experiential Education

Internship courses provide students with the opportunity to earn academic credit while obtaining practical work experience in agencies and organizations clearly related to the study of political science.

Political science majors who would like to obtain credit for internship work in government or public service must enroll in POLI 193. While this course satisfies the experiential education General Education requirement, POLI 193 is offered on a Pass/Fail basis only and does not count towards the nine courses required for the major. For specific information about the procedures and requirements for POLI 193, please consult the department's Web site (<http://politicalscience.unc.edu/undergraduate/internships>).

### Study Abroad

Because we live in an increasingly globalized society, students are encouraged to study abroad as they are able. Students interested in the fields of comparative politics and international relations are strongly urged to participate in a study abroad program; indeed, all students may find the experience to be transformational and helpful in choosing a career path. Students are advised to work with the Study Abroad Office and to contact the undergraduate advisor when planning their study abroad experience. For information about applying study abroad credit toward the political science major, please consult the department's Web site (<http://politicalscience.unc.edu/undergraduate-programs/current-students/study-abroad>).

### Undergraduate Research

Courses in political science often include a research component, and students may engage in directed research under the supervision of a faculty advisor. The honors program provides political science majors the opportunity to pursue an independent research project over a two-semester period, culminating in a senior thesis. See the section above for more information on the honors program.

POLI 395 Mentored Research in Political Science provides an opportunity for students to pursue a special research interest under the direction of a faculty member of the Department of Political Science. The research and writing entailed in a mentored research course must be equivalent to the workload of a regular course. For specific information about the procedures and requirements for POLI 395, please consult the department's Web site (<http://politicalscience.unc.edu/undergraduate/independent-study>).

### Undergraduate Awards

Pi Sigma Alpha is the national political science honorary society. Membership is restricted to those political science majors who have completed 15 hours of political science with an overall grade average of 3.3 or better and a political science grade average of 3.5 or better.

The Thad L. Beyle Research Award is given to undergraduate political science majors, with priority given to students writing a senior honors thesis.

The William Scott Bryant Award funds research and travel for undergraduate majors in the Department of Political Science, with priority given to seniors.

The D'Amico Endowment Fund for Honors Students funds academic research and activities for honors students in the Department of Political Science.

The Shepard Jones Undergraduate Award in International Relations is given to an undergraduate student for the best essay in international relations (any field and broadly defined).

The L. Richardson Preyer Award for Excellence in Political Science is given to a senior judged by a committee of the faculty to have the most

distinguished record of scholarship in political science and service to the community.

The Terry Sanford Award for Excellence is given to the undergraduate student judged to have written the best political science honors thesis.

# DEPARTMENT OF PSYCHOLOGY AND NEUROSCIENCE

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## Contact Information

### Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)

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## Introduction

In the undergraduate study of psychology, the emphasis is on a broad acquaintance with the behavioral sciences, not specialization. The subject matter is preparatory to a career in psychology either in basic research and teaching, or in any number of professional applications to various human problems. A psychology major may prove valuable to those planning other professional careers such as medicine, law, education, or business, as well as to those who seek a broad cultural background in the behavioral sciences.

Follow us on Twitter (@uncCHpsych) and Facebook (<http://facebook.com/uncCHpsychology>).

## Advising

All psychology majors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Several faculty members (for complete list, click here (<http://psychology.unc.edu/undergraduate-studies/academic-advising>)) are available to meet with current and prospective majors by appointment. Students who are considering graduate studies in psychology are particularly encouraged to contact departmental academic advisors. Additional information about courses, undergraduate research opportunities, the honors program, and the Psychology Club may be obtained from the department's Web site.

## Graduate School and Career Opportunities

Both the B.A. and B.S. degree programs prepare students for entry into graduate programs in psychology and a large number of related areas.

Both programs, augmented by courses dictated by various graduate and professional schools, also provide training that has proved beneficial for those applying to business, law, and medical schools.

Undergraduate psychology majors seek and find employment in a wide range of occupations, and many continue their education and training in graduate school. Students should understand that many of the occupations traditionally associated with psychology (e.g., clinical psychologist) are licensed specialties that require graduate training.

### Majors

- Neuroscience Major, B.S. (p. 779)
- Psychology Major, B.A. (p. 783)
- Psychology Major, B.S. (p. 786)

### Minors

- Cognitive Science Minor (p. 790)
- Neuroscience Minor (p. 792)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Professors

Jonathan S. Abramowitz, Jennifer Arnold, Anna Bardone-Cone, Donald H. Baucom, Daniel J. Bauer, Kenneth A. Bollen, Regina M. Carelli, Patrick Curran, Stacey B. Daughters, Barbara L. Fredrickson, Karen M. Gil, Kelly Giovanello, Peter C. Gordon, Mark Hollins, Joseph Hopfinger, Andrea M. Hussong, Deborah J. Jones, Beth E. Kurtz-Costes, Donald T. Lysle, Neil Mulligan, Abigail T. Panter, B. Keith Payne, David Penn, Mitchell J. Prinstein, Paschal J. Sheeran, Todd Thiele, David M. Thissen, Eric A. Youngstrom.

## Associate Professors

Sara B. Algoe, Charlotte A. Boettiger, Carol L. Cheatham, Shauna Cooper, Jean Louis Garipey, Kurt J. Gray, Enrique W. Neblett.

## Assistant Professors

Jessica Cohen, Sylvia Fitting, Kathleen M. Gates, Kristen A. Lindquist, Keely Muscatell, Kathryn J. Reissner, Margaret A. Sheridan, Eva Telzer.

## Clinical Professors

Erica Wise, Jennifer K. Youngstrom.

## Research Associate Professor

Montserrat N. Thiele.

## Research Assistant Professor

Brooke Midkiff.

## Teaching Professor

Jeannie Loeb.



## Teaching Associate Professors

Viji Sathy, F. Charles Wiss.

## Teaching Assistant Professors

Steven Buzinski, Vicki Chanon, Desiree Griffin, Patrick Harrison, Marsha Penner.

## PSYC–Psychology

The courses available to undergraduate students are listed below. No courses numbered 700 or above may be taken by undergraduate students. Consult the current directory of classes for each semester's offerings. PSYC 101 is prerequisite to ALL courses offered in the department except for first-year seminars, which are numbered below 100. Students and their advisors should take careful note of the specified prerequisites for advanced offerings in this listing.

### Undergraduate-level Courses

#### **PSYC 50. First-Year Seminar: Stress Management. 3 Credits.**

This course will address basic stress management skills; how to develop emotion-focused coping skills and how to use exercise, time management, and assertive communication skills to reduce stress.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **PSYC 51. First-Year Seminar: The Mind and the Computer. 3 Credits.**

This course will examine the nature of human thought in relation to the operations of contemporary computers and will also consider how computers will likely develop in the future.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **PSYC 52. First-Year Seminar: Evolutionary Psychology. 3 Credits.**

Students will gain an in-depth understanding of evolutionary psychology, a current amalgam of evolutionary biology, psychology, and anthropology that aims to view complex social and personality features of human behavior.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **PSYC 53. First-Year Seminar: Talking about Numbers: Communicating Research Results to Others. 3 Credits.**

This course introduces the many ways that research results are disseminated to the public in our everyday lives—through advertising and mass media, Internet, and research-based policy statements.

**Gen Ed:** PL.

**Grading status:** Letter grade.

#### **PSYC 54. First-Year Seminar: Families and Children. 3 Credits.**

This course will consider family from a life-course perspective and family influences on child development. Research and theory concerning divorced and step families, single parents, gay and lesbian parents, and family processes that shape children's development will be examined.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **PSYC 55. First-Year Seminar: Children's Eyewitness Testimony. 3 Credits.**

The course will address relevant literature on children's memory and cognition involving allegations of child sexual abuse.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **PSYC 58. First-Year Seminar: The Psychology of Mental States and Language Use. 3 Credits.**

Examines how language use is affected by one's reasoning about the mental activities of others. We will examine the development of language, adult language use, and the language of autistic individuals, who are known to have difficulty reasoning about others' minds. This seminar will follow a discussion format.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **PSYC 58H. First-Year Seminar: The Psychology of Mental States and Language Use. 3 Credits.**

Examines how language use is affected by one's reasoning about the mental activities of others. We will examine the development of language, adult language use, and the language of autistic individuals, who are known to have difficulty reasoning about others' minds. This seminar will follow a discussion format.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **PSYC 61. First-Year Seminar: Drug Addiction: Fact and Fiction. 3 Credits.**

The course will tackle questions through classroom discussions, lectures, movies, writing assignments, and a visit to a research laboratory and a treatment facility. Students will be introduced to fundamental concepts in addiction research.

**Gen Ed:** PL, CI.

**Grading status:** Letter grade.

#### **PSYC 61H. First-Year Seminar: Drug Addiction: Fact and Fiction. 3 Credits.**

The course will tackle questions through classroom discussions, lectures, movies, writing assignments, and a visit to a research laboratory and a treatment facility. Students will be introduced to fundamental concepts in addiction research.

**Gen Ed:** PL, CI.

**Grading status:** Letter grade.

#### **PSYC 62. First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning. 3 Credits.**

This course invites students to explore the opportunities presented by the vibrant and emerging field of positive psychology.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### **PSYC 64. First-Year Seminar: Prejudice and Stereotyping. 3 Credits.**

This course explores the psychological underpinnings of prejudice and discrimination.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade.

#### **PSYC 65. First-Year Seminar: Judgment and Decision Making in Everyday Life. 3 Credits.**

This course focuses on understanding people's judgment and decision-making processes in everyday life. Students will draw upon other areas of psychology and other interdisciplinary approaches (e.g., economics, decision sciences).

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 66. First-Year Seminar: Eating Disorders and Body Image. 3 Credits.**

Students will learn about anorexia and bulimia nervosa, as well as prevention and treatment efforts. The course explores factors related to these disorders and body image from a psychosocial perspective. Learning will occur through discussions, readings, videos, guest speakers, experimental assignments, writing assignments, and research projects.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 67. First-Year Seminar: The Senses of Animals. 3 Credits.**

This course deals with the sensory systems of animals. A description of the human senses is included, but senses that differ from our own are emphasized. Some treatment of research methods is also included. Classes will be a mixture of lecture, discussion, and student reports.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 68. First-Year Seminar: Psychology of Emotion. 3 Credits.**

This first-year seminar is designed for students interested in exploring the psychological study of emotion. Topics include theoretical models of emotion process and structure, as well as a review of research questions about emotional expressions, autonomic physiology, affective neuroscience, emotion and reasoning, and emotion and health.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 69. First-Year Seminar: Racism, Racial Identity, and African American Mental Health. 3 Credits.**

This seminar examines the connections among racism experiences, racial identity, and mental health with a focus on African American children, adolescents, and young adults.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**PSYC 70. First-Year Seminar: Critical Thinking in Psychology and Beyond: How to Use Your Brain. 3 Credits.**

This course focuses on the development of critical thinking skills. Students will learn about the scientific method and common thinking errors that impede logic. Emphasis is placed on applying critical thinking skills to beliefs and controversies in psychology and to common superstitions, pseudoscience, and other confusing issues of our time.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 71. First Year Seminar: Plasticity and the Brain. 3 Credits.**

This course will introduce students to the recent research and debate regarding neural plasticity and the ability of the healthy adult brain to change. Exciting new research suggests that the ability of the adult brain to change goes well beyond simply acquiring new knowledge and memories.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 72. First-Year Seminar: Visualizing Women's Lives and Experiences. 3 Credits.**

This seminar explores the experiences of women by integrating content and methodologies from psychology with perspectives on the depiction of women in the arts, namely digital media. Students will study gender socialization, body image, work/achievement, sex and romance, motherhood, aging, and mental health with attention given to diversity.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** ARTS 72.

**PSYC 89. First Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PSYC 89H. First Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PSYC 101. General Psychology. 3 Credits.**

A survey of major principles of psychology and an introduction to scientific modes of thought about behavior. Students participate in ongoing psychological research in the department. PSYC 101 is a prerequisite for all psychology courses.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 175. Introduction to Neuroscience. 3 Credits.**

Provides an introduction to the structure and function of the nervous system. Fundamental principles will be introduced including nervous system anatomy; molecular and cellular properties of the nervous system; sensory and motor systems; current methods used in neuroscience; and how the nervous system produces behavior and cognition. This course provides greater breadth and depth of neuroscience topics, as compared to Biopsychology (PSYC 220). Previously offered as PSYC 315.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 190. Special Topics in Psychology. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in psychology. This course does not count as credit towards the psychology major.

**Grading status:** Letter grade.

**PSYC 210. Statistical Principles of Psychological Research. 4 Credits.**

Consideration of the methodological principles underlying psychological research, descriptive and inferential techniques, and the manner by which they may be employed to design psychological experiments and analyze behavioral data. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PSYC 210H. Statistical Principles of Psychological Research. 4 Credits.**

Consideration of the methodological principles underlying psychological research, descriptive and inferential techniques, and the manner by which they may be employed to design psychological experiments and analyze behavioral data. Three lecture hours and one laboratory hour a week.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PSYC 220. Biopsychology. 3 Credits.**

Introductory course which surveys the biological bases of behavior. This course would be an appropriate foundational course for Introduction to Neuroscience (PSYC 175) and/or Advanced Biopsychology (PSYC 402).

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 220H. Biopsychology. 3 Credits.**

Introductory course which surveys the biological bases of behavior. This course would be an appropriate foundational course for Introduction to Neuroscience (PSYC 175) and/or Advanced Biopsychology (PSYC 402).

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 222. Learning. 3 Credits.**

Topics in Pavlovian and operant (instrumental) conditioning, learning theory, higher order cognitive learning, and application of those principles to mental-health related situations.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 222H. Learning. 3 Credits.**

Topics in Pavlovian and operant (instrumental) conditioning, learning theory, higher order cognitive learning, and application of those principles to mental-health related situations.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 225. Sensation and Perception. 3 Credits.**

Topics in vision, audition, and the lower senses. Receptor mechanisms, psychophysical methods, and selected perceptual phenomena will be discussed.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 225H. Sensation and Perception. 3 Credits.**

Topics in vision, audition, and the lower senses. Receptor mechanisms, psychophysical methods, and selected perceptual phenomena will be discussed.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 230. Cognitive Psychology. 3 Credits.**

Topics in attention; memory; visual, auditory, and other forms of information processing; decision making; and thinking.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 230H. Cognitive Psychology. 3 Credits.**

Topics in attention; memory; visual, auditory, and other forms of information processing; decision making; and thinking.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 242. Introduction to Clinical Psychology. 3 Credits.**

Overview of clinical psychology: history, scientific basis, and major activities and concerns, including assessment, psychotherapy and other psychological interventions, community psychology, ethics, and professional practice. Students may not receive credit for both PSYC 242 and 505.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 242H. Introduction to Clinical Psychology. 3 Credits.**

Overview of clinical psychology: history, scientific basis, and major activities and concerns, including assessment, psychotherapy and other psychological interventions, community psychology, ethics, and professional practice. Students may not receive credit for both PSYC 242 and 505.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 245. Abnormal Psychology. 3 Credits.**

Major forms of behavior disorders in children and adults, with an emphasis on description, causation, and treatment.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 245H. Abnormal Psychology. 3 Credits.**

Major forms of behavior disorders in children and adults, with an emphasis on description, causation, and treatment.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 250. Child Development. 3 Credits.**

Study of the development of social and intellectual behavior in normal children and the processes that underlie this development. Emphasis is typically on theory and research.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 250H. Child Development. 3 Credits.**

Study of the development of social and intellectual behavior in normal children and the processes that underlie this development. Emphasis is typically on theory and research.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 260. Social Psychology. 3 Credits.**

Introductory survey of experimental social psychology covering attitudes, interpersonal processes, and small groups.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 260H. Social Psychology. 3 Credits.**

Introductory survey of experimental social psychology covering attitudes, interpersonal processes, and small groups.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 270. Laboratory Research in Psychology. 4 Credits.**

This course will give students the opportunity to engage in psychological research by conducting a team-based research project. Students will also develop the skills required to critically evaluate research findings.

**Requisites:** Prerequisites, PSYC 101 and 210.

**Gen Ed:** PX, EE- Mentored Research.

**Grading status:** Letter grade.

**PSYC 290. Current Topics in Psychology. 1-3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit.

**Requisites:** Prerequisite, PSYC 101.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**PSYC 290H. Current Topics in Psychology. 1-3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit.

**Requisites:** Prerequisite, PSYC 101.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**PSYC 294. Service Learning in Psychology: APPLES. 1-3 Credits.**

Permission of the instructor. Service learning component for students enrolled in psychology APPLES courses. May not count toward the major.

**Gen Ed:** EE- Service Learning.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PSYC 310. Applied Statistical Methods in the Psychological Sciences. 3 Credits.**

This course extends statistical and data analytic concepts covered in PSYC 210 with direct applications to empirical data commonly encountered in psychological research. Topics include measurement, group comparisons, linear associations, and prediction. An equal balance is placed on statistical concepts, computer-based data analysis, and interpretation of findings.

**Requisites:** Prerequisite, PSYC 210, SOCI 252, or STOR 155.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**PSYC 320. Drugs and Human Behavior. 3 Credits.**

This course will examine the use of drugs to alter behavior. Social implications of drug use and methods for preventing and treating drug abuse also will be considered.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 330. Introduction to Cognitive Science. 3 Credits.**

Recommended preparation, PSYC 210 or another quantitative reasoning course. An introduction to the interdisciplinary study of the mind, intelligent behavior, information processing, and communication in living organisms and computers.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 390. Current Topics in Psychology. 1-3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit.

**Requisites:** Prerequisite, PSYC 101.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PSYC 395. Independent Research. 1-3 Credits.**

A minimum of a 3.0 cumulative grade point average. Permission of the instructor. Supervised research resulting in a written report. May be repeated for credit up to eight hours. Up to three hours may count as a psychology elective.

**Requisites:** Prerequisites, PSYC 101 and two additional psychology courses, at least one of which must be numbered 200 or greater.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 6 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PSYC 400. Conditioning and Learning. 3 Credits.**

A comprehensive survey of the methods, findings, and theories of classical and operant conditioning. Skills necessary to evaluate, integrate, and summarize significant original literature will be developed.

**Requisites:** Prerequisites, PSYC 101 and 222.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** NBIO 400.

**PSYC 401. Animal Behavior. 3 Credits.**

PSYC 270 recommended. Ethological, genetic, and physiological variables will be studied in relation to their behavioral effects.

**Requisites:** Prerequisites, PSYC 101, and PSYC 222 or BIOL 101.

**Gen Ed:** PL.

**Grading status:** Letter grade

**Same as:** NBIO 401.

**PSYC 402. Advanced Biopsychology. 3 Credits.**

Elements of neurophysiology, neuroanatomy, and neurochemistry as they apply to the understanding of brain-behavior relationships.

**Requisites:** Prerequisites, PSYC 101 and 175 or 220.

**Gen Ed:** PX.

**Grading status:** Letter grade

**Same as:** NBIO 402.

**PSYC 403. Advanced Biopsychology Laboratory. 3 Credits.**

"Hands on" laboratory course designed to introduce students to experimental protocols emphasizing "brain-behavior" relationships.

Topics include gross neuroanatomy, stereotaxic surgery, and the effects of drugs on behavior.

**Requisites:** Prerequisites, PSYC 101 and one of PSYC 175, 220, or 402.

**Gen Ed:** PX, EE- Mentored Research.

**Grading status:** Letter grade.

**PSYC 403H. Advanced Biopsychology Laboratory. 3 Credits.**

"Hands on" laboratory course designed to introduce students to experimental protocols emphasizing "brain-behavior" relationships.

Topics include gross neuroanatomy, stereotaxic surgery, and the effects of drugs on behavior.

**Requisites:** Prerequisites, PSYC 101 and 220 or 402.

**Gen Ed:** PX, EE- Mentored Research.

**Grading status:** Letter grade.

**PSYC 404. Clinical Psychopharmacology. 3 Credits.**

This course will investigate the pharmacological effects and the clinical efficacy of drugs used to treat behavior disorders.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 415. History of Neuroscience. 3 Credits.**

In this class, we will consider how neuroscience emerged as a multidisciplinary field. The class will cover key research findings that propelled the field forward. We will also delve into the autobiographies of some of the pioneering researchers who made these important discoveries.

**Requisites:** Prerequisite, PSYC 175 or 220.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 420. Functional Neuroanatomy. 3 Credits.**

For advanced undergraduate and graduate students. An introduction to human neuroanatomy, covering function of the neuroanatomy of each major system and relation to neurobehavioral disorders associated with damage to the neuroanatomy of the system.

**Requisites:** Prerequisite, PSYC 175, 220, and BIOL 455.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 424. Neural Connections: Hands on Neuroscience. 3 Credits.**

This class will explore links between the brain and behavior through neuroscience outreach activities. Students will also reflect on the meaning of community engagement. By the end of the semester, each student must complete a minimum of 30 hours of service within the community.

**Requisites:** Prerequisites, PSYC 175 or PSYC 220.

**Gen Ed:** PL, EE- Service Learning.

**Grading status:** Letter grade.

**PSYC 425. Advanced Perceptual Processes. 3 Credits.**

The perception of objects and events; the role of cognitive factors in perception.

**Requisites:** Prerequisites, PSYC 101 and one of PSYC 175, 220, 225, or 230.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 426. Molecular Mechanisms of Memory. 3 Credits.**

This course focuses on current knowledge about the cellular and molecular basis of learning and memory. Course material focuses primarily on hippocampus-dependent memory, considering behavior, cellular physiology, and molecular and genetic contributions. In addition, we will consider learning and memory disorders, including Alzheimer's disease.

**Requisites:** Prerequisite, PSYC 175 or 220.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 427. Neurobiology of Aging. 3 Credits.**

This course will survey clinical and experimental literature regarding the neurobiology of aging, considering different theories of aging, how aging is studied in the laboratory, and recent findings. Biochemical, molecular, physiological, and behavioral changes associated with both "normal" and pathological aging will be considered.

**Requisites:** Prerequisite, PSYC 175 or 220.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 428. Neuroscience, Society, and the Media. 3 Credits.**

Neuroscience is a "hot" topic in popular media. We will consider media coverage of neuroscientific research by reading the popular press versions of studies alongside the findings from primary sources and what kinds of topics are most often covered by the media and why.

**Requisites:** Prerequisite, PSYC 175 or 220.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 429. Neuroeconomics and the Science of Consequence. 3 Credits.**

This seminar covers current research on psychological, economic, and neuroscientific aspects of decision-making behaviors. Topics include decisions involving risk and uncertainty, decisions that involve learning from experience, and decisions in strategic interactions and games. In addition, we will consider the neural underpinnings of these processes.

**Requisites:** Prerequisite, PSYC 175 or 220.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 430. Human Memory. 3 Credits.**

This course explores classic and current issues in the study of human memory. Topics include working memory, encoding and retrieval processes, implicit memory, reconstructive processes in memory, eyewitness memory, developmental changes in memory, neuropsychology and neuroscience of memory and memory disorders, memory improvement, and the repressed/recovered memory controversy.

**Requisites:** Prerequisites, PSYC 101, and 222 or 230.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 432. Psychology of Language. 3 Credits.**

Recommended preparation, PSYC 230 or LING 101 or LING 400. This course examines the mental representations and cognitive processes that underlie the human ability to use language. Covers what people know about language, how they process it, and how people make inferences about the speaker's meaning based on context. Recent work in experimental psycholinguistics is discussed.

**Requisites:** Prerequisite, PSYC 101.

**Grading status:** Letter grade.

**PSYC 433. Behavioral Decision Theory. 3 Credits.**

Simple mathematical and psychological models of judgment and choice, and related experiments, are treated, as are applications to real world problems in medical, environmental, policy, business, and related domains.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 434. Cognitive Neuroscience. 3 Credits.**

Introduction to cognitive neuroscience. Higher mental processes including attention, memory, language, and consciousness will be covered, with an emphasis on the neural mechanisms that form the substrates of human cognition.

**Requisites:** Prerequisites, PSYC 101 and 210; and one of PSYC 175, 220, 222, 225, 230 or BIOL 450, 455.

**Gen Ed:** PL.

**Grading status:** Letter grade.



**PSYC 437. Neurobiology of Learning and Memory. 3 Credits.**

This course surveys current knowledge about and research into the neurobiological basis of learning and memory. Using a combination of lectures and student-led discussions, we will critically evaluate the molecular, cellular, systems, and behavioral research that strives to explain how the brain learns and remembers.

**Requisites:** Prerequisites, PSYC 101 and 175 or 220; BIOL 101 recommended.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 438. Research Topics in the Psychology of Language. 3 Credits.**

(e.g., PSYC 432, any LING course, or any course with a substantial linguistics component). Examines the cognitive mechanisms behind language comprehension, focusing on how we make predictions about the speaker's meaning, based on context, background, gestures, and other cues. In this course-based undergraduate research experience (CURE), groups of students generate novel research questions, perform their own research experiments, and present the results in spoken and written format.

**Requisites:** Prerequisite, PSYC 270; required preparation, at least one course in linguistics (e.

**Gen Ed:** SS, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PSYC 461. Cognitive Development. 3 Credits.**

An examination of the development of attention, perception, learning, memory, and thinking in normal children.

**Requisites:** Prerequisites, PSYC 101 and 250.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 463. Development of Social Behavior and Personality. 3 Credits.**

Developmental processes during early childhood as these relate to social behavior and personality.

**Requisites:** Prerequisites, PSYC 101 and 210.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 465. Poverty and Development. 3 Credits.**

Poverty is one of the most consistent and influential risk factors for problematic development. This course focuses on the scientific study of how poverty affects development across the human life span.

**Requisites:** Prerequisites, PSYC 101 and 250.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 467. The Development of Black Children. 3 Credits.**

PSYC 210 or 215 recommended. A survey of the literature on the development of black children. Topics include peer and social relations, self-esteem, identity development, cognitive development, school achievement, parenting, family management, and neighborhood influences.

**Requisites:** Prerequisites, PSYC 101 and 250.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 468. Family as a Context for Development. 3 Credits.**

Explores how the family influences children's development. Topics include family theories, genetics, family structure (e.g., single parents, working mothers, divorce), discipline, parent behavior and values and beliefs, fathers and ethnic diversity.

**Requisites:** Prerequisites, PSYC 101, 210, and 250.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 469. Evolution and Development of Biobehavioral Systems. 3 Credits.**

Examines the evolution and development of behavior patterns and their physiological substrates.

**Requisites:** Prerequisites, BIOL 101 and PSYC 101, 210, or 215.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 471. The Study of Adolescent Issues and Development. 3 Credits.**

The developmental period of adolescence is studied from a multidisciplinary perspective. The course will distinguish among early, middle, and late adolescence and will cover several theoretical perspectives.

**Requisites:** Prerequisites, PSYC 101, 210, and 250.

**Grading status:** Letter grade.

**PSYC 472. Racial Discrimination and Minority Youth. 3 Credits.**

This course examines the effects of racial discrimination among African American, Latino, Asian American, and Native American adolescents using a psychological perspective to critically examine empirical research. The course examines racial discrimination, power, and equity and is recommended for students interested in serious, thought-provoking discussions.

**Requisites:** Prerequisites, PSYC 101, 210, 250, and 260.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**PSYC 490. Current Topics in Psychology. 3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 2 total completions.

**Grading status:** Letter grade.

**PSYC 490H. Current Topics in Psychology. 3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 2 total completions.

**Grading status:** Letter grade.

**PSYC 493. Internship in Psychology. 3 Credits.**

Required preparation, minimum of two other psychology courses and junior/senior standing. Designed for highly motivated psychology majors interested in exploring professional opportunities in psychology-related areas. Students complete hands-on internships at community sites for approximately 120 hours across the semester. Students also attend a weekly one-hour class with other interns.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**PSYC 500. Developmental Psychopathology. 3 Credits.**

A survey of theories bearing on atypical development and disordered behavior, and an examination of major child and adolescent behavior problems and clinical syndromes.

**Requisites:** Prerequisites, PSYC 101, 245, and 250.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 501. Theoretical, Empirical Perspectives on Personality. 3 Credits.**

An in-depth coverage of the traditional clinically based personality theories of the early 20th century contrasted with more recent empirically based perspectives.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 502. Psychology of Adulthood and Aging. 3 Credits.**

A developmental approach to the study of adulthood, from young adulthood through death. Topics include adult issues in personality, family dynamics, work, leisure and retirement, biological and intellectual aspects of aging, dying, and bereavement.

**Requisites:** Prerequisites, PSYC 101 and 250.

**Gen Ed:** SS, EE- Service Learning.

**Grading status:** Letter grade.

**PSYC 503. African American Psychology. 3 Credits.**

This course examines race and culture in the psychological processes and behavior of African Americans.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**PSYC 504. Health Psychology. 3 Credits.**

An in-depth coverage of psychological, biological, and social factors that may be involved with health.

**Requisites:** Prerequisites, PSYC 101 and 245.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 506. Assessment and Treatment of Older Persons. 3 Credits.**

Addresses methods to assess, treat, and rehabilitate older person with serious mental health disorders.

**Requisites:** Prerequisites, PSYC 101 and 245.

**Gen Ed:** SS, EE- Service Learning.

**Grading status:** Letter grade.

**PSYC 507. Autism. 3 Credits.**

Intensive service-learning seminar on autism includes a supervised community placement. Topics include historical diagnostic issues, etiological theories, assessing patterns of functioning, developmental/life span issues, family concerns, and intervention approaches.

**Requisites:** Prerequisites, PSYC 101, 245, and 250.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 509. Applied Behavioral Analysis. 3 Credits.**

PSYC 222 recommended. A survey of applications of learning theory in solving clinical, educational, and societal problems. Practicum experience included.

**Requisites:** Prerequisites, PSYC 101 and 245.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade.

**PSYC 512. Popularity, Friendship, and Peer Relations. 3 Credits.**

This course will review literature regarding peer relations among children and adolescents, including peer acceptance/rejection, popularity, bases of friendship selection, peer crowds, romantic relationships, and theories of peer influence.

**Requisites:** Prerequisite, PSYC 101.

**Grading status:** Letter grade.

**PSYC 514. Mania and Depression. 3 Credits.**

The social, developmental, and biological contributions to mania and depression are examined, as well as the impact of these moods on the brain, creativity, relationships, quality of life, and health.

**Requisites:** Prerequisites, PSYC 101 and 245.

**Grading status:** Letter grade.

**PSYC 515. Psychological Approaches to Prevention Science. 3 Credits.**

Permission of the instructor required. Prevention science is an interdisciplinary field between research and practice, with the goal of developing prevention programs for people's lives. Course will emphasize psychological approaches to preventing substance use as a motivating example. Discussions, lectures, a research project, and an experiential learning component.

**Requisites:** Prerequisite, PSYC 270.

**Grading status:** Letter grade.

**PSYC 516. Child Maltreatment, Trauma, and Trauma-Focused Treatment. 3 Credits.**

This course offers a multidisciplinary perspective on child maltreatment, including the types of maltreatment to which children are exposed, the prevalence of child maltreatment, and the impact of maltreatment on individual, familial, and societal functioning.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 517. Addiction. 3 Credits.**

PSYC 245 and 270 recommended but not required. This course will provide students with a comprehensive overview of the etiology and treatment of addiction, along with exposure to real-life stories of addiction.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 525. Psychological Archival Data Science. 3 Credits.**

This course addresses techniques in answering new questions with existing data. Students will learn about data from multiple perspectives: different data source and types, intended audiences, and visualization, analysis, and presentation formats. This will make students more savvy consumers as well as producers of data.

**Requisites:** Prerequisites, PSYC 270 and 245 or 500.

**Gen Ed:** CI, EE- Mentored Research, QI.

**Grading status:** Letter grade.

**PSYC 530. Design and Interpretation of Psychological Research. 3 Credits.**

Emphasis on the methodological principles underlying experimental and correlational research. Interaction of theory and practice in the design and interpretation of psychological studies. This is a course-based undergraduate research experience (CURE).

**Requisites:** Prerequisites, PSYC 101 and 270.

**Gen Ed:** PL, CI, QI.

**Grading status:** Letter grade.

**PSYC 531. Tests and Measurement. 3 Credits.**

Basic psychometric theory underlying test construction and utilization. Detailed study of issues and instruments used in assessing intellectual functioning, educational progress, personality, and personnel selection.

**Requisites:** Prerequisites, PSYC 101 and 210.

**Gen Ed:** SS, QI.

**Grading status:** Letter grade.

**PSYC 532. Quantitative Psychology. 3 Credits.**

This course examines the science of quantitative psychology. Topics include the analysis of data, the design of questionnaires, and the assessment of psychological attributes, among others.

**Requisites:** Prerequisite, PSYC 210, SOCI 252, or STOR 155.

**Grading status:** Letter grade.

**PSYC 532H. Quantitative Psychology. 3 Credits.**

This course examines the science of quantitative psychology. Topics include the analysis of data, the design of questionnaires, and the assessment of psychological attributes, among others.

**Requisites:** Prerequisite, PSYC 210 or 215 or SOCI 252 or STOR 155.

**Grading status:** Letter grade.

**PSYC 533. The General Linear Model in Psychology. 3 Credits.**

Consideration of multiple regression and the general linear model in psychological research, including hypothesis testing, model formulation, and the analysis of observational and experimental data.

**Requisites:** Prerequisite, ECON 400 or PSYC 210 or SOCI 252 or STOR 155.

**Grading status:** Letter grade.

**PSYC 533H. The General Linear Model in Psychology. 3 Credits.**

Consideration of multiple regression and the general linear model in psychological research, including hypothesis testing, model formulation, and the analysis of observational and experimental data.

**Requisites:** Prerequisite, ECON 400 or PSYC 210 or SOCI 252 or STOR 155.

**Grading status:** Letter grade.

**PSYC 534. Introduction to Computational Statistics. 3 Credits.**

Introduction to programming and the implementation of statistical techniques. Topics include data manipulation, graphical procedures, writing loops and functions, data simulation, use of regular expressions, and scraping data from the web.

**Requisites:** Prerequisite, PSYC 210, 215, SOCI 252, or STOR 155.

**Gen Ed:** PL, QI.

**Grading status:** Letter grade.

**PSYC 560. Self and Society. 3 Credits.**

PSYC 270 recommended. Content, structure, and functions of the self-concept. How the self-concept is shaped by society and developmental processes; ways in which the self-concept affects perception of others; self-esteem. Class participation and presentations required.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 561. Social Cognition. 3 Credits.**

Theory and research in social psychology, which explores the cognitive processes underlying social phenomena. Specific topics covered include attributions, emotions, automaticity, heuristics, self, goals, stereotyping, expectancies, social motives, and others.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 561H. Social Cognition. 3 Credits.**

Theory and research in social psychology, which explores the cognitive processes underlying social phenomena. Specific topics covered include attributions, emotions, automaticity, heuristics, self, goals, stereotyping, expectancies, social motives, and others.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 563. Small Groups. 3 Credits.**

Intensive survey of research and theory on behavior in small groups combined with appropriate experience in studying various structured groups.

**Requisites:** Prerequisites, PSYC 101, 210 and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 564. Interpersonal Processes. 3 Credits.**

Intensive coverage of normal interpersonal processes, focusing on the dyad.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 565. Stereotyping, Prejudice, and Discrimination. 3 Credits.**

PSYC 270 recommended. Examines the determinants, functions, processes, and consequences of stereotyping, prejudice, and discrimination. Prospects for change are considered. Class presentations and participation required.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 566. Attitude Change. 3 Credits.**

A detailed consideration of the theoretical issues in attitude and belief change.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Grading status:** Letter grade.

**PSYC 567. Research in Positive Psychology. 3 Credits.**

Majors only. This advanced course in positive psychology is research intensive and intended as a capstone for majors in psychology.

**Requisites:** Prerequisites, PSYC 101, 210, and 270.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 568. Emotion. 3 Credits.**

This course will provide a comprehensive overview of the scientific study of emotion. Topics will include theoretical models of emotion process and structure. A range of perspectives, including social, cultural, developmental, clinical, and cognitive psychology, as well as behavioral neuroscience, will be considered.

**Requisites:** Prerequisite, PSYC 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 569. Practical Wisdom from Advanced Social Psychology. 3 Credits.**

Surveys cutting-edge research across the field of social psychology and how it matters for everyday life. Topics include morality, mind perception, judgment and decision making, happiness, affective forecasting, emotion, relationships, negotiation, personality, free will, stress/health, and religion. Clear communication of research also emphasized through figures, presentations, and papers.

**Requisites:** Prerequisites, PSYC 101, 260, and 270.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 570. The Social Psychology of Self-Regulation. 3 Credits.**

PSYC 270 recommended. An intensive review of self-regulation theory and research, focusing on the cognitive, motivational, and affective processes involved in goal commitment, monitoring, and overriding behavioral responses.

**Requisites:** Prerequisites, PSYC 101, 210, and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 571. Social Neuroscience. 3 Credits.**

Recommended preparation, PSYC 220 or 315. Social neuroscience is the study of how social processes and experiences are represented in and influence the structure and function of the brain. This course will focus primarily on functional magnetic resonance imaging (fMRI) studies of humans, though we will also discuss other brain imaging techniques and patient studies.

**Requisites:** Prerequisite, PSYC 101 and 260.

**Gen Ed:** PL.

**Grading status:** Letter grade.

**PSYC 572. Theoretical and Empirical Perspectives on Sex and Gender Differences. 3 Credits.**

An in-depth examination of psychological research and theory pertaining to the influence of gender on the lives of men and women. In general, emphasis will be placed on understanding gender as a social psychological construct.

**Requisites:** Prerequisites, PSYC 101 and 260.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PSYC 600. Historical Trends in Psychology. 3 Credits.**

Limited to senior majors or to graduate students in psychology; others by permission of the instructor. Overview of the origins of psychological concepts, movements, and fields of study.

**Requisites:** Prerequisite, PSYC 101.

**Grading status:** Letter grade.

**PSYC 601. Psychology and Law. 3 Credits.**

Examines the legal system from the perspective of psychology methods and research, with a focus on criminal law. Discusses dilemmas within the law and between the legal system and psychology.

**Requisites:** Prerequisites, PSYC 101 and 210.

**Grading status:** Letter grade.

**PSYC 602. Evolutionary Psychology. 3 Credits.**

Major topics of general psychology are examined from an evolutionary perspective with an emphasis on empirical studies asking why much current human behavior and experience would have been adaptive for our early ancestors.

**Requisites:** Prerequisite, PSYC 101.

**Grading status:** Letter grade.

**PSYC 693H. Honors in Psychology I. 3 Credits.**

Required preparation, cumulative GPA of 3.3, psychology GPA of 3.5, one semester of PSYC 395, and acceptance through application to the honors committee. To be taken in the fall of the last year of studies as the first course in the two-semester honors sequence. Students conduct research under the direction of a faculty advisor and receive classroom instruction in research-related topics.

**Gen Ed:** SS, CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PSYC 694H. Honors in Psychology II. 3 Credits.**

Admission to the psychology honors program required. To be taken as the second course in the two-semester honors sequence. Students conduct research under the direction of a faculty advisor and receive classroom instruction in research-related topics.

**Requisites:** Prerequisite, PSYC 693H.

**Gen Ed:** SS, CI, EE- Mentored Research.

**Grading status:** Letter grade.

## Neuroscience Major, B.S.

### Contact Information

**Department of Psychology and Neuroscience**

Visit Program Website (<http://psychology.unc.edu>)

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Neuroscience embodies the liberal arts experience as it draws on techniques and findings from several academic disciplines including biology, chemistry, computer science, mathematics, physics, and psychology. This program provides students with the fundamental knowledge and exposure needed to pursue careers and post-graduate studies in fields related to psychology, human development and aging, health and disease, rehabilitation, biomedical research, human-machine interactions, and other emerging disciplines.

The neuroscience major is open to all undergraduate students.

## Department Programs

**Majors**

- Neuroscience Major, B.S. (p. 779)
- Psychology Major, B.A. (p. 783)
- Psychology Major, B.S. (p. 786)

**Minors**

- Cognitive Science Minor (p. 790)
- Neuroscience Minor (p. 792)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Student Learning Outcomes

Upon completion of the neuroscience program, students should be able to:

- **Knowledge Base:** Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and trends in neuroscience including its links to other science disciplines
- **Research Methods:** Apply basic research methods in psychology, including research design, data analysis, and interpretation
- **Critical Thinking Skills:** Demonstrate critical and creative thinking, skeptical inquiry, and when possible, the scientific approach to solve problems related to behavior and mental processes
- **Application:** Apply psychological principles to personal, social, and organizational issues
- **Values:** Demonstrate use of empirical evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinning of neuroscience as a science

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
PSYC 175	Introduction to Neuroscience (previously offered as PSYC 315)	3
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	3-4
or STOR 155	Introduction to Data Models and Inference	
PSYC 270	Laboratory Research in Psychology	4
PSYC 222	Learning <sup>H</sup>	3
PSYC 225	Sensation and Perception <sup>H</sup>	3
Knowledge Electives (select at least six credit hours from list below)		
Mathematics, Methods, Statistics Electives (select at least six credit hours from list below)		
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4

CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
COMP 116	Introduction to Scientific Programming	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
Select one course:		4
PHYS 104	General Physics I	
PHYS 114	General Physics I: For Students of the Life Sciences	
PHYS 116	Mechanics <sup>H</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity	
Select one course:		4
PHYS 105	General Physics II	
PHYS 115	General Physics II: For Students of the Life Sciences	
PHYS 117	Electromagnetism and Optics <sup>H</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta	
PSYC 101	General Psychology	3
Total Hours		76-77

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Knowledge Electives (6 Credit Hours)

Code	Title	Hours
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	4
BIOL 425	Human Genetics	3
BIOL 450	Introduction to Neurobiology <sup>1</sup>	3
BIOL 455	Behavioral Neuroscience <sup>1</sup>	3
BIOL 458	Sensory Neurobiology and Behavior <sup>1</sup>	3
BIOL 542	Light Microscopy for the Biological Sciences <sup>1</sup>	3
BIOL 552	Behavioral Endocrinology <sup>1</sup>	3
BIOL 553	Mathematical and Computational Models in Biology <sup>1</sup>	3
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 410	Data Structures	3
COMP 411	Computer Organization	4
COMP 555	Bioalgorithms <sup>1</sup>	3
COMP 560	Artificial Intelligence <sup>1</sup>	3
COMP 562	Introduction to Machine Learning <sup>1</sup>	3
COMP 576	Mathematics for Image Computing <sup>1</sup>	3
COMP 581	Introduction to Robotics <sup>1,H</sup>	3



COMP 631	Computer Networks <sup>1</sup>	3
COMP 633	Parallel and Distributed Computing <sup>1</sup>	3
COMP 651	Computational Geometry <sup>1</sup>	3
COMP 665	Images, Graphics, and Vision <sup>1</sup>	3
EXSS 175	Human Anatomy	3
EXSS 275L	Human Anatomy Laboratory	1
EXSS 276	Human Physiology	3
EXSS 380	Neuromuscular Control and Learning	3
PHYS 133	How Bio Works	3
PHYS 405	Biological Physics	3
PSYC 245	Abnormal Psychology <sup>H</sup>	3
PSYC 320	Drugs and Human Behavior	3
PSYC 401	Animal Behavior	3
PSYC 404	Clinical Psychopharmacology	3
PSYC 415	History of Neuroscience	3
PSYC 420	Functional Neuroanatomy	3
PSYC 424	Neural Connections: Hands on Neuroscience	3
PSYC 425	Advanced Perceptual Processes	3
PSYC 426	Molecular Mechanisms of Memory	3
PSYC 427	Neurobiology of Aging	3
PSYC 428	Neuroscience, Society, and the Media	3
PSYC 429	Neuroeconomics and the Science of Consequence	3
PSYC 434	Cognitive Neuroscience	3
PSYC 437	Neurobiology of Learning and Memory	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3
PSYC 507	Autism <sup>1</sup>	3
PSYC 568	Emotion	3
PSYC 602	Evolutionary Psychology	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

<sup>2</sup> Students may take one of COMP 283, MATH 381, or STOR 215.

## Mathematics, Methods, and Statistics Electives (6 Credit Hours)

Code	Title	Hours <sup>2</sup>
BIOL 226	Mathematical Methods for Quantitative Biology	3
BIOL 226L	Mathematical Methods for Quantitative Biology Laboratory	1
BIOS 500H	Introduction to Biostatistics <sup>1</sup>	3
BMME 350	Electronics for Biomedical Engineers <sup>1</sup>	4
BMME 351	Human Physiology and Biological Measurements for Engineers <sup>1</sup>	4
BMME 445	Systems Neuroscience <sup>1</sup>	3
BMME 550	Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems <sup>1</sup>	3
COMP 283	Discrete Structures <sup>2</sup>	3
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4

MATH 381	Discrete Mathematics <sup>2,H</sup>	3
MATH 383	First Course in Differential Equations <sup>1,H</sup>	3
MATH 383L	First Course in Differential Equations Laboratory <sup>1</sup>	1
MATH 523	Functions of a Complex Variable with Applications <sup>1</sup>	3
MATH 528	Mathematical Methods for the Physical Sciences I <sup>1</sup>	3
MATH 528L	Laboratory for Mathematical Methods for the Physical Sciences I <sup>1</sup>	1
MATH 529	Mathematical Methods for the Physical Sciences II <sup>1</sup>	3
MATH 529L	Laboratory for Mathematical Methods for the Physical Sciences II <sup>1</sup>	1
MATH 535	Introduction to Probability	3
MATH 547	Linear Algebra for Applications <sup>1</sup>	3
MATH 555	Introduction to Dynamics <sup>1</sup>	3
MATH 564	Mathematical Modeling in the Life Sciences <sup>1</sup>	3
MATH 566	Introduction to Numerical Analysis <sup>1</sup>	3
MATH 577	Linear Algebra <sup>1</sup>	3
MATH 661	Scientific Computation I <sup>1</sup>	3
MATH 662	Scientific Computation II <sup>1</sup>	3
MATH 668	Methods of Applied Mathematics I <sup>1</sup>	3
MATH 669	Methods of Applied Mathematics II <sup>1</sup>	3
PSYC 402	Advanced Biopsychology	3
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3
PSYC 533	The General Linear Model in Psychology <sup>H</sup>	3
STOR 215	Foundations of Decision Sciences <sup>2</sup>	3
STOR 415	Introduction to Optimization <sup>1</sup>	3
STOR 435	Introduction to Probability <sup>1</sup>	3
STOR 445	Stochastic Modeling <sup>1</sup>	3
STOR 455	Methods of Data Analysis <sup>1</sup>	3
STOR 555	Mathematical Statistics <sup>1</sup>	3
STOR 556	Advanced Methods of Data Analysis <sup>1</sup>	3
STOR 565	Machine Learning <sup>1</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

<sup>2</sup> Students may take one of COMP 283, MATH 381, or STOR 215.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

**Sample I**

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
ENGL 105	English Composition and Rhetoric	3
	Foreign language level 2	3
	Lifetime Fitness	1
Hours		15
<b>Spring Semester</b>		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
PSYC 175	Introduction to Neuroscience	3
	Foreign language level 3	3
Hours		14
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
PSYC 101	General Psychology	3
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	3
COMP 116	Introduction to Scientific Programming	3
	Approaches (p. 27) (e.g., VP) <sup>1</sup>	3
Hours		16
<b>Spring Semester</b>		
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
PSYC 222	Learning <sup>H</sup>	3
	Approaches (p. 27) (e.g., SS/HS) <sup>1</sup>	3
	Elective <sup>2</sup>	3
Hours		16
<b>Junior Year</b>		
<b>Fall Semester</b>		
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
PHYS 114	General Physics I: For Students of the Life Sciences	4
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
	Approaches (p. 27) (e.g., PH) <sup>1</sup>	3
Hours		15
<b>Spring Semester</b>		
CHEM 430	Introduction to Biological Chemistry (Knowledge elective #1) <sup>3,H</sup>	3
PHYS 115	General Physics II: For Students of the Life Sciences	4
PSYC 270	Laboratory Research in Psychology	4

	Approaches (p. 27) (e.g., LA) <sup>1</sup>	3
Hours		14
<b>Senior Year</b>		
<b>Fall Semester</b>		
	Knowledge elective #2	3
	MMS elective #1	3
PSYC 225	Sensation and Perception <sup>H</sup>	3
	Approaches (p. 27) (e.g., HS) <sup>1</sup>	3
	Elective <sup>2</sup>	3
Hours		15
<b>Spring Semester</b>		
	MMS elective #2	3
	Approaches (p. 27) (e.g., SS) <sup>1</sup>	3
	Electives <sup>2</sup>	9
Hours		15
Total Hours		120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The remaining Connections requirements (NA, BN, US, GL, WB, CI) should overlap with Approaches courses.

<sup>2</sup> Students planning to apply to medical schools are advised to include BIOL 252 and BIOL 252L as a general elective in their course plan.

<sup>3</sup> Students planning to apply to medical schools are advised to include CHEM 430 as a knowledge elective in their course plan.

**Sample II (for students with MATH 231 and CHEM 101/L credit)**

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
PSYC 175	Introduction to Neuroscience	3
ENGL 105	English Composition and Rhetoric	3
	Foreign language level 2	3
	Lifetime fitness	1
Hours		14
<b>Spring Semester</b>		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
PSYC 101	General Psychology	3
	Foreign language level 3	3
Hours		14
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	3
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4

COMP 116	Introduction to Scientific Programming	3
Approaches (p. 27) (e.g., VP) <sup>1</sup>		3
Elective <sup>2</sup>		3
Hours		16
<b>Spring Semester</b>		
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
PSYC 270	Laboratory Research in Psychology	4
Approaches (p. 27) (e.g., SS/HS) <sup>1</sup>		3
Hours		14
<b>Junior Year</b>		
<b>Fall Semester</b>		
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
PSYC 222	Learning <sup>H</sup>	3
PHYS 114	General Physics I: For Students of the Life Sciences	4
Approaches (p. 27) (e.g., PH) <sup>1</sup>		3
Elective		2
Hours		16
<b>Spring Semester</b>		
CHEM 430	Introduction to Biological Chemistry (Knowledge elective #1) <sup>3, H</sup>	3
PSYC 225	Sensation and Perception <sup>H</sup>	3
PHYS 115	General Physics II: For Students of the Life Sciences	4
Approaches (p. 27) (e.g., LA) <sup>1</sup>		3
Elective <sup>2</sup>		3
Hours		16
<b>Senior Year</b>		
<b>Fall Semester</b>		
Knowledge elective #2		3
MMS elective #1		3
Approaches (p. 27) (e.g., HS) <sup>1</sup>		3
Electives <sup>2</sup>		6
Hours		15
<b>Spring Semester</b>		
MMS elective #2		3
Approaches (p. 27) (e.g., SS) <sup>1</sup>		3
Electives <sup>2</sup>		9
Hours		15
Total Hours		120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The remaining Connections requirements (NA, BN, US, GL, WB, CI) should overlap with Approaches courses.

<sup>2</sup> Students planning to apply to medical schools are advised to include BIOL 252 and BIOL 252L as a general elective in their course plan.

<sup>3</sup> Students planning to apply to medical schools are advised to include CHEM 430 as a knowledge elective in their course plan.

See the program page here (p. 789) for special opportunities.

## Psychology Major, B.A.

### Contact Information

#### Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)

Davie Hall, CB# 3270

(919) 843-0174

#### Steven Buzinski, Associate Director of Undergraduate Studies

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#### Donald T. Lysle, Chair

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#### Christopher Coffey, Undergraduate Instructional Program Coordinator

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In the undergraduate study of psychology, the emphasis is on a broad acquaintance with the behavioral sciences, not specialization. The subject matter is preparatory to a career in psychology either in basic research and teaching, or in any number of professional applications to various human problems. A psychology major may prove valuable to those planning other professional careers such as medicine, law, education, or business, as well as to those who seek a broad cultural background in the behavioral sciences.

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 779)
- Psychology Major, B.A. (p. 783)
- Psychology Major, B.S. (p. 786)

### Minors

- Cognitive Science Minor (p. 790)
- Neuroscience Minor (p. 792)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Student Learning Outcomes

Upon completion of the psychology program (B.A., B.S.), students should be able to:

- **Knowledge Base:** Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology, including its links to other social science disciplines
- **Research Methods:** Apply basic research methods in psychology, including research design, data analysis, and interpretation
- **Critical Thinking Skills:** Demonstrate critical and creative thinking, skeptical inquiry, and when possible, the scientific approach to solve problems related to behavior and mental processes
- **Application:** Apply psychological principles to personal, social, and organizational issues
- **Values:** Demonstrate use of empirical evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinning of psychology as a science

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
PSYC 101	General Psychology (with a grade of C or better)	3
<b>Core Requirements</b>		
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
PSYC 270	Laboratory Research in Psychology	4
One course below 400 from four of the five following psychology program areas:		12
Behavioral and Integrative Neuroscience:		
PSYC 220	Biopsychology <sup>H</sup>	
PSYC 222	Learning <sup>H</sup>	
PSYC 225	Sensation and Perception <sup>1, H</sup>	
Clinical:		
PSYC 242	Introduction to Clinical Psychology <sup>H</sup>	
PSYC 245	Abnormal Psychology <sup>H</sup>	
Cognitive:		
PSYC 225	Sensation and Perception <sup>1, H</sup>	
PSYC 230	Cognitive Psychology <sup>H</sup>	
Developmental:		
PSYC 250	Child Development <sup>H</sup>	
Social:		
PSYC 260	Social Psychology <sup>H</sup>	

Two additional psychology courses numbered between 400 and 650; 6 may not include PSYC 493

One additional psychology course above 101; may include three hours of PSYC 395 or PSYC 693H or PSYC 694H; may not include PSYC 190 3

### Additional Requirements

BIOL 101 Principles of Biology 4  
& 101L and Introductory Biology Laboratory<sup>H</sup>

One other physical and life sciences course, which must be from a department other than psychology 3

One of: 3-4

COMP 101 Fluency in Information Technology

COMP 110 Introduction to Programming<sup>H</sup>

COMP 116 Introduction to Scientific Programming

MATH 130 Precalculus Mathematics

MATH 152 Calculus for Business and Social Sciences

MATH 231 Calculus of Functions of One Variable I<sup>H</sup>

MATH 241 BioCalculus I

Total Hours 42-43

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> PSYC 225 can meet either the behavioral neuroscience or cognitive requirement, but not both.

Except for PSYC 101, no psychology courses may be used by psychology majors to satisfy the General Education Approaches requirement.

A student may submit a maximum of 45 hours of credit in psychology courses (including PSYC 101) toward the completion of the B.A. degree.

All majors must complete PSYC 101 and at least six psychology courses above PSYC 101 with a grade of C (not C-) or better.

Students planning to enter graduate programs in psychology are urged to include a research-intensive course such as PSYC 395, PSYC 530, or PSYC 693H and PSYC 694H in their program and as many courses numbered 400 and above as possible.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
PSYC 101	General Psychology	3

COMP 101	Fluency in Information Technology	3-4
or	or Introduction to Programming	
COMP 110	or Introduction to Scientific Programming	
or	or Precalculus Mathematics	
COMP 116	or Calculus for Business and Social Sciences	
or	or Calculus of Functions of One Variable I	
MATH 130	or BioCalculus I	
or		
MATH 152		
or		
MATH 231		
or		
MATH 241		

Hours 10-11

**Sophomore Year**

PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
PSYC 2xx	Program area course #1	3
One additional physical and life sciences course, which must be from a department other than psychology.		3

Hours 10

**Junior Year**

PSYC 2xx	Program area course #2	3
PSYC 2xx	Program area course #3	3
PSYC 270	Laboratory Research in Psychology	4
One additional psychology course numbered between 400 and 650. May not include PSYC 493.		3

Hours 13

**Senior Year**

PSYC 2xx	Program area course #4	3
One additional psychology course numbered between 400 and 650. May not include PSYC 493.		3
One additional PSYC course above 101. <sup>1</sup>		3

Hours 9

Total Hours 42-43

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> May include three hours of PSYC 395, PSYC 693H, or PSYC 694H. May not include PSYC 190.

## Special Opportunities in Psychology

### Honors in Psychology

Any major in the program with an overall grade point average of 3.3 or higher, a psychology grade point average of at least 3.5, and prior research experience in a faculty lab (e.g., PSYC 395) is eligible for enrollment in the departmental senior honors program. Each candidate for honors participates in a two-semester course sequence (PSYC 693H and PSYC 694H) and carries out independent research in an area of the student’s choice under the guidance of a psychology faculty member. Please see the department Web site for the application form (<http://psychology.unc.edu/undergraduate-studies/honors-program>) and additional information.

## Departmental Involvement

Membership in the Psychology Club is open to any interested psychology major. There is no minimum grade point average requirement. The club meets frequently to discuss psychology-related topics and learn about careers in psychology.

The Carolina Neuroscience Club (<http://carolinaneuroscience.web.unc.edu>) brings together students who have an interest in the brain and nervous system. Club members meet regularly to discuss courses, research articles, and post-college neuroscience opportunities. Membership is open to anyone interested in neuroscience.

The Undergraduate Minority Psychology Student Association (<https://uncstudentorgs.collegiatelink.net/organization/minoritypsych>) provides a supportive and educational environment where minority psychology students can gain the tools necessary to advance competitively in the field of psychology. Club members use mentoring, informational sessions, networking, and advocacy to create an environment in which minority students can succeed at UNC–Chapel Hill and beyond.

## Experiential Education

Several opportunities for experiential education are available. The Karen M. Gil Internship Program (<http://psychology.unc.edu/undergraduate-studies/gil-internship>) offers both course credit and a monthly stipend to selected psychology majors who are placed in approved internship sites in the community. Interns are selected through a competitive process (minimum grade point average is 3.4). Other experiential education opportunities include PSYC 395; PSYC 294; PSYC 424; APPLES, performed either through the APPLES program or in conjunction with a specific psychology class; and other classes for which service learning is a central focus. See course listings for details.

## Undergraduate Awards

The David Bray Peele Award, the Lindquist Undergraduate Research Award (both administered in the Department of Psychology and Neuroscience), and several fellowships and grants administered through the UNC Office for Undergraduate Research or the UNC Honors Carolina Office are available to students who conduct research in psychology. Each year, the Dashiell-Thurstone Prize is awarded for the best undergraduate research project. An additional honor is election to Psi Chi, the national honor society for psychology undergraduates. Psychology majors who have completed at least three courses in psychology and who have a grade point average of at least 3.2 at UNC–Chapel Hill will be invited to join Psi Chi. In the spring of each year, one graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity will be chosen to receive the J. Steven Reznick Award for Outstanding Research That Enhances Diversity. In addition, a second student will receive the Susan M. McHale Award for Outstanding Research by a Student Who Enhances Diversity. For each of these awards, diversity is broadly defined, including but not limited to diversity based on race, ethnicity, sexual orientation, gender, disability, religious affiliation, and socioeconomic status.

## Undergraduate Research

Qualified students interested in doing independent research under the direction of a faculty member may enroll for independent research credit (PSYC 395). Students interested in this option should speak directly with psychology faculty members regarding opportunities in their laboratories. Additional information is available on the department’s Web site (<http://psychology.unc.edu/undergraduate-studies/undergraduate-research>). Many other psychology courses also include heavy research



components. See the research methods, research intensive, and research exposure courses at the Office for Undergraduate Research (<https://our.unc.edu/find-research-courses>).

## Psychology Major, B.S.

### Contact Information

#### Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)

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## Department Programs

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- Cognitive Science Minor (p. 790)
- Neuroscience Minor (p. 792)

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- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Student Learning Outcomes

Upon completion of the psychology program (B.A., B.S.), students should be able to:

- Knowledge Base: Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology, including its links to other social science disciplines
- Research Methods: Apply basic research methods in psychology, including research design, data analysis, and interpretation
- Critical Thinking Skills: Demonstrate critical and creative thinking, skeptical inquiry, and when possible, the scientific approach to solve problems related to behavior and mental processes
- Application: Apply psychological principles to personal, social, and organizational issues
- Values: Demonstrate use of empirical evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinning of psychology as a science

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
PSYC 101	General Psychology (with a grade of C or better)	3
<b>Core Requirements</b>		
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
PSYC 270	Laboratory Research in Psychology	4
One course below 400 from each of the following psychology program areas:		6
Behavioral Integrative Neuroscience:		
PSYC 220	Biopsychology <sup>H</sup>	
PSYC 222	Learning <sup>H</sup>	
PSYC 225	Sensation and Perception <sup>1, H</sup>	
Cognitive:		
PSYC 225	Sensation and Perception <sup>1, H</sup>	
PSYC 230	Cognitive Psychology <sup>H</sup>	
One course below 400 from two of the three following psychology program areas:		6
Clinical:		
PSYC 242	Introduction to Clinical Psychology <sup>H</sup>	
PSYC 245	Abnormal Psychology <sup>H</sup>	
Development:		
PSYC 250	Child Development <sup>H</sup>	
Social:		
PSYC 260	Social Psychology <sup>H</sup>	

One psychology course chosen from the "Upper Level Courses for Special Requirement" (see list below)	3
One additional psychology course numbered between 400 and 650. May not include PSYC 493.	3
One additional psychology course above 101; may include three hours of PSYC 395 or PSYC 693H or PSYC 694H; may not include PSYC 190	3
<b>Additional Requirements</b>	
BIOL 101 Principles of Biology & 101L and Introductory Biology Laboratory <sup>H</sup>	4
One of:	4
CHEM 101 & 101L General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	
PHYS 114 General Physics I: For Students of the Life Sciences	
PHYS 118 Introductory Calculus-based Mechanics and Relativity	
MATH 231 Calculus of Functions of One Variable I <sup>H</sup> or MATH 241 BioCalculus I	3-4
One of:	3-4
COMP 101 Fluency in Information Technology	
COMP 110 Introduction to Programming <sup>H</sup>	
COMP 116 Introduction to Scientific Programming	
MATH 232 Calculus of Functions of One Variable II <sup>H</sup>	
MATH 283 BioCalculus II	
At least four additional three-hour nonpsychology physical and life sciences courses including one with a laboratory and one physical science course that come from the Allied Science course list (see below)	13
One additional nonhistorical social and behavioral sciences Approaches (p. 27) course, which must be from a department other than psychology	3
Remaining General Education (p. 27) requirements and enough free electives to accumulate 122 academic hours	60

Total Hours 122-124

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> PSYC 225 can meet either the behavioral neuroscience or cognitive requirement, but not both.

All majors must complete PSYC 101 and at least six psychology courses above PSYC 101 with a grade of C (not C-) or better.

Students planning to enter graduate programs in psychology are urged to include a research-intensive course such as PSYC 395, PSYC 530, or PSYC 693H and PSYC 694H in their program and as many courses numbered 400 and above as possible.

Details of the student's program may be worked out in consultation with college and departmental advisors.

### Upper Level Courses for Special Requirement

Code	Title	Hours
PSYC 400	Conditioning and Learning	3
PSYC 401	Animal Behavior	3

PSYC 402	Advanced Biopsychology	3
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	3
PSYC 404	Clinical Psychopharmacology	3
PSYC 415	History of Neuroscience	3
PSYC 420	Functional Neuroanatomy	3
PSYC 424	Neural Connections: Hands on Neuroscience	3
PSYC 425	Advanced Perceptual Processes	3
PSYC 426	Molecular Mechanisms of Memory	3
PSYC 427	Neurobiology of Aging	3
PSYC 428	Neuroscience, Society, and the Media	3
PSYC 429	Neuroeconomics and the Science of Consequence	3
PSYC 430	Human Memory	3
PSYC 433	Behavioral Decision Theory	3
PSYC 434	Cognitive Neuroscience	3
PSYC 437	Neurobiology of Learning and Memory	3
PSYC 461	Cognitive Development	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3
PSYC 504	Health Psychology	3
PSYC 507	Autism	3
PSYC 517	Addiction	3
PSYC 530	Design and Interpretation of Psychological Research	3
PSYC 531	Tests and Measurement	3
PSYC 532	Quantitative Psychology <sup>H</sup>	3
PSYC 533	The General Linear Model in Psychology <sup>H</sup>	3
PSYC 534	Introduction to Computational Statistics	3
PSYC 568	Emotion	3
PSYC 571	Social Neuroscience	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Allied Science Electives

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	Human Origins	3
ANTH 217	Human Biology in Comparative Perspective	3
ANTH 298	Biological Anthropology Theory and Practice	3
ANTH 315	Human Genetics and Evolution	3
ANTH 317	Evolutionary Perspectives on Human Adaptation and Behavior	3
ANTH 318	Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 413	Laboratory Methods: Archaeobotany	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 415	Laboratory Methods: Zooarchaeology	3
ANTH 416	Bioarchaeology	3
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	3
ANTH 437	Evolutionary Medicine	3
ANTH 471	Biocultural Perspectives on Maternal and Child Health	3

BIOC 107	Introduction to Biochemistry	4	ENEC 530	Principles of Climate Modeling	3
BIOC 108	Introduction to Biochemistry	4	ENEC 562	Statistics for Environmental Scientists	4
BIOL --	Any course above BIOL 101, except BIOL 195, BIOL 290, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 295, BIOL 296, BIOL 395, BIOL 410, BIOL 490, and BIOL 495		ENEC 567	Ecological Analyses and Application	3
BMME 101	Frontiers of Biomedical Engineering	1	ENVR 205	Engineering Tools for Environmental Problem Solving	3
BMME 150	Introduction to Materials Science	3	ENVR 403	Environmental Chemistry Processes	3
BMME 315	Biotransport	3	ENVR 411	Laboratory Techniques and Field Measurements	3
BMME 350	Electronics for Biomedical Engineers	4	ENVR 412	Ecological Microbiology	3
BMME 351	Human Physiology and Biological Measurements for Engineers	4	ENVR 413	Limnology	3
BMME 405	Biomechanics of Movement	3	ENVR 416	Aerosol Physics and Chemistry	4
BMME 420	Introduction to Synthetic Biology	3	ENVR 419	Chemical Equilibria in Natural Waters	3
BMME 435	Biological Physics	3	ENVR 421	Environmental Health Microbiology	3
BMME 445	Systems Neuroscience	3	ENVR 425	Introduction to Health Physics: Radiation and Radiation Protection	3
BMME 455	Biofluid Mechanics	3	ENVR 430	Health Effects of Environmental Agents	3
BMME 465	Biomedical Instrumentation I	4	ENVR 442	Biochemical Toxicology	3
BMME 470	Tissue Engineering	3	ENVR 451	Elements of Chemical Reactor Engineering	3
BMME 485	Biotechnology	3	ENVR 453	Groundwater Hydrology	3
BMME 505	Skeletal Biomechanics	3	ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3
BMME 510	Biomaterials	3	ENVR 470	Environmental Risk Assessment	3
BIOS --	Any course above BIOS 500H, except BIOS 540, BIOS 543, BIOS 690, BIOS 691, BIOS 693H, BIOS 694H		ENVR 472	Quantitative Risk Assessment in Environmental Health Microbiology	3
CHEM --	Any course above CHEM 101 except CHEM 190, CHEM 291, CHEM 395, CHEM 396, CHEM 397, CHEM 410, and CHEM 692H		ENVR 514	Measurement of NO <sub>x</sub> , O <sub>3</sub> , and Volatile Organic Compounds	3
COMP --	Any course above COMP 116, except COMP 185, COMP 190, COMP 380, COMP 390, and COMP 393		ENVR 552	Organic Geochemistry	3
ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4	ENVR 575	Global Climate Change: Science, Impacts, Solutions	3
ENEC 202	Introduction to the Environmental Sciences	4	ENVR 630	Systems Biology in Environmental Health	3
ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	3	ENVR 661	Scientific Computation I	3
ENEC 222	Estuarine and Coastal Marine Science	4	ENVR 662	Scientific Computation II	3
ENEC 256	Mountain Biodiversity	4	ENVR 666	Numerical Methods	3
ENEC 304	Restoration Ecology	4	ENVR 668	Methods of Applied Mathematics I	3
ENEC 324	Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3	ENVR 669	Methods of Applied Mathematics II	3
ENEC 352	Marine Fisheries Ecology	3	ENVR 671	Environmental Physics I	3
ENEC 403	Environmental Chemistry Processes	3	ENVR 672	Environmental Physics II	3
ENEC 406	Atmospheric Processes II	4	ENVR 675	Air Pollution, Chemistry, and Physics	3
ENEC 410	Earth Processes in Environmental Systems	4	EXSS 175	Human Anatomy	3
ENEC 411	Oceanic Processes in Environmental Systems	4	EXSS 175 & EXSS 275L	Human Anatomy and Human Anatomy Laboratory	4
ENEC 415	Environmental Systems Modeling	3	EXSS 276	Human Physiology	3
ENEC 416	Environmental Meteorology	3	EXSS 376	Physiological Basis of Human Performance	3
ENEC 431	Sustainable Cities: Exploring Ways of Making Cities More Sustainable	3	EXSS 380	Neuromuscular Control and Learning	3
ENEC 450	Biogeochemical Processes	4	EXSS 385	Biomechanics of Sport	3
ENEC 462	Ecosystem Management	3	EXSS 475	Functional Anatomy	3
ENEC 471	Human Impacts on Estuarine Ecosystems	4	EXSS 576	Exercise Endocrinology	3
ENEC 479	Landscape Analysis	3	EXSS 580	Neuromechanics of Human Movement	3
ENEC 489	Ecological Processes in Environmental Systems	4	GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
			GEOG 111	Weather and Climate	3
			GEOG 212	Environmental Conservation and Global Change	3
			GEOG 253	Introduction to Atmospheric Processes	4
			GEOG 391	Quantitative Methods in Geography	3

GEOG 412	Synoptic Meteorology	3
GEOG 414	Climate Change	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440	Earth Surface Processes	3
GEOG 441	Introduction to Watershed Systems	3
GEOG 442	River Processes	3
GEOL ---	Any course above GEOL 101, except GEOL 190, GEOL 390, GEOL 395, GEOL 396, GEOL 412, GEOL 480, GEOL 590, GEOL 601, GEOL 602, GEOL 691H, GEOL 692H, and GEOL 695	
MASC ---	Any course above MASC 100, except MASC 190, MASC 220, MASC 390, MASC 395, MASC 396, and MASC 490	
MCRO ---	Any course above MCRO 100 except MCRO 690	
NUTR 240	Introduction to Human Nutrition	3
NUTR 400	Introduction to Nutritional Biochemistry	3
NUTR 600	Human Metabolism: Macronutrients	3
NUTR 620	HUMAN METABOLISM: MICRONUTRIENTS	3
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	3
PHIL 455	Symbolic Logic	3
PHYS ---	Any course above PHYS 99 except PHYS 132, PHYS 295, PHYS 391, PHYS 395, PHYS 410, PHYS 671L, PHYS 672L, PHYS 691H, and PHYS 692H	
ASTR ---	Any course above ASTR 99 except ASTR 390	
PHYI 292	Introduction to Physiology	5
STOR ---	Any course above STOR 100 except STOR 151 or STOR 155	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I or General Physics I: For Students of the Life Sciences	4
PHYS 114 or PHYS 118	or Introductory Calculus-based Mechanics and Relativity	

MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	3-4
or	or BioCalculus I	
MATH 241		

PSYC 101	General Psychology	3
Hours		14-15

### Sophomore Year

Allied science course #1 (physical science)	3
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Allied science course #2	3
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Allied science required lab (associated with either course #1 or course #2)	1
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COMP 101	Fluency in Information Technology	3-4
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or Introduction to Programming

COMP 110 or Introduction to Scientific Programming

or Calculus of Functions of One Variable II

COMP 116 or BioCalculus II

or

MATH 232

or

MATH 283

PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	4
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PSYC 220	Biopsychology <sup>H</sup>	3
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or Learning

PSYC 222 or Sensation and Perception

or

PSYC 225

One additional nonhistorical social and behavioral sciences	3
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Approaches (p. 27) course, which must be from a department other than psychology

Hours	20-21
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### Junior Year

PSYC 270	Laboratory Research in Psychology	4
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Two courses chosen from the clinical, developmental, or social list

Allied science course #3	3
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PSYC 225	Sensation and Perception <sup>H</sup>	3
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or Cognitive Psychology

PSYC 230

Hours	16
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### Senior Year

One psychology course chosen from the "Upper Level Courses for Special Requirement" (see course list)

One additional psychology course numbered between 400 and 650. May not include PSYC 493.

Allied science course #4	3
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One additional PSYC course above 101	3
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Hours	12
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Total Hours	62-64
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Psychology

### Honors in Psychology

Any major in the program with an overall grade point average of 3.3 or higher, a psychology grade point average of at least 3.5, and prior

research experience in a faculty lab (e.g., PSYC 395) is eligible for enrollment in the departmental senior honors program. Each candidate for honors participates in a two-semester course sequence (PSYC 693H and PSYC 694H) and carries out independent research in an area of the student's choice under the guidance of a psychology faculty member. Please see the department Web site for the application form (<http://psychology.unc.edu/undergraduate-studies/honors-program>) and additional information.

## Departmental Involvement

Membership in the Psychology Club is open to any interested psychology major. There is no minimum grade point average requirement. The club meets frequently to discuss psychology-related topics and learn about careers in psychology.

The Carolina Neuroscience Club (<http://carolinaneuroscience.web.unc.edu>) brings together students who have an interest in the brain and nervous system. Club members meet regularly to discuss courses, research articles, and post-college neuroscience opportunities. Membership is open to anyone interested in neuroscience.

The Undergraduate Minority Psychology Student Association (<https://uncstudentorgs.collegiatelink.net/organization/minoritypsych>) provides a supportive and educational environment where minority psychology students can gain the tools necessary to advance competitively in the field of psychology. Club members use mentoring, informational sessions, networking, and advocacy to create an environment in which minority students can succeed at UNC–Chapel Hill and beyond.

## Experiential Education

Several opportunities for experiential education are available. The Karen M. Gil Internship Program (<http://psychology.unc.edu/undergraduate-studies/gil-internship>) offers both course credit and a monthly stipend to selected psychology majors who are placed in approved internship sites in the community. Interns are selected through a competitive process (minimum grade point average is 3.4). Other experiential education opportunities include PSYC 395; PSYC 294; PSYC 424; APPLES, performed either through the APPLES program or in conjunction with a specific psychology class; and other classes for which service learning is a central focus. See course listings for details.

## Undergraduate Awards

The David Bray Peele Award, the Lindquist Undergraduate Research Award (both administered in the Department of Psychology and Neuroscience), and several fellowships and grants administered through the UNC Office for Undergraduate Research or the UNC Honors Carolina Office are available to students who conduct research in psychology. Each year, the Dashiell-Thurstone Prize is awarded for the best undergraduate research project. An additional honor is election to Psi Chi, the national honor society for psychology undergraduates. Psychology majors who have completed at least three courses in psychology and who have a grade point average of at least 3.2 at UNC–Chapel Hill will be invited to join Psi Chi. In the spring of each year, one graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity will be chosen to receive the J. Steven Reznick Award for Outstanding Research That Enhances Diversity. In addition, a second student will receive the Susan M. McHale Award for Outstanding Research by a Student Who Enhances Diversity. For each of these awards, diversity is broadly defined, including but not

limited to diversity based on race, ethnicity, sexual orientation, gender, disability, religious affiliation, and socioeconomic status.

## Undergraduate Research

Qualified students interested in doing independent research under the direction of a faculty member may enroll for independent research credit (PSYC 395). Students interested in this option should speak directly with psychology faculty members regarding opportunities in their laboratories. Additional information is available on the department's Web site (<http://psychology.unc.edu/undergraduate-studies/undergraduate-research>). Many other psychology courses also include heavy research components. See the research methods, research intensive, and research exposure courses at the Office for Undergraduate Research (<https://our.unc.edu/find-research-courses>).

# Cognitive Science Minor

## Contact Information

### Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)  
Davie Hall, CB# 3270  
(919) 843-0174

**Peter Gordon, Director of Cognitive Science Minor**  
[pcg@email.unc.edu](mailto:pcg@email.unc.edu)

**Donald T. Lysle, Chair**  
[dlysle@email.unc.edu](mailto:dlysle@email.unc.edu)

**Regina M. Carelli, Associate Chair**  
[rcarelli@email.unc.edu](mailto:rcarelli@email.unc.edu)

**Karen Gil, Associate Chair**  
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**Jeannie Loeb, Director of Undergraduate Studies**  
[loeb@unc.edu](mailto:loeb@unc.edu)

**Desiree Griffin, Director of Undergraduate Advising**  
[dgriffin@unc.edu](mailto:dgriffin@unc.edu)

**Kaitlin Blakemore, Student Services Manager**  
[blakek@email.unc.edu](mailto:blakek@email.unc.edu)

**Christopher Coffey, Undergraduate Instructional Program Coordinator**  
[ctcoffey@email.unc.edu](mailto:ctcoffey@email.unc.edu)

The cognitive science minor consists of five disciplinary areas: behavioral, biological, computational, linguistic, and philosophical. Each course, except the overview, falls into one or more disciplinary areas.

Students interested in pursuing the minor should contact the program director for further information.

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 779)
- Psychology Major, B.A. (p. 783)
- Psychology Major, B.S. (p. 786)

### Minors



- Cognitive Science Minor (p. 790)
- Neuroscience Minor (p. 792)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
PSYC 330	Introduction to Cognitive Science (prerequisite, PSYC 101) <sup>1</sup>	3
Four other courses distributed over at least two disciplinary areas, at least two of which must be numbered 400 or above, as follows:		
<b>Behavioral:</b>		
ANTH 143	Human Evolution and Adaptation	
BIOL 278	Animal Behavior	
BIOL 455	Behavioral Neuroscience	
INLS 512	Applications of Natural Language Processing	
PSYC 222	Learning <sup>H</sup>	
PSYC 225	Sensation and Perception <sup>H</sup>	
PSYC 230	Cognitive Psychology <sup>H</sup>	
PSYC 425	Advanced Perceptual Processes	
PSYC 430	Human Memory	
PSYC 432	Psychology of Language	
PSYC 433	Behavioral Decision Theory	
PSYC 434	Cognitive Neuroscience	
PSYC 461	Cognitive Development	
PSYC 469	Evolution and Development of Biobehavioral Systems	
<b>Biological:</b>		
BIOL 278	Animal Behavior	
BIOL 455	Behavioral Neuroscience	
BIOL 469	Behavioral Ecology	
PSYC 225	Sensation and Perception <sup>H</sup>	
<b>Computational:</b>		
COMP 101	Fluency in Information Technology	
COMP 116	Introduction to Scientific Programming	
COMP 401	Foundation of Programming <sup>H</sup>	
COMP 455	Models of Languages and Computation	
INLS 382	Information Systems Analysis and Design	
INLS 500	Human Information Interactions	
INLS 509	Information Retrieval	

INLS 512	Applications of Natural Language Processing	
INLS 523	Introduction to Database Concepts and Applications	
INLS 541	Information Visualization	
INLS 582	Systems Analysis	
INLS 613	Text Mining	
MATH 566	Introduction to Numerical Analysis	
PSYC 433	Behavioral Decision Theory	
STOR 215	Foundations of Decision Sciences	
STOR 305	Decision Making Using Spreadsheet Models	
STOR 435	Introduction to Probability	
STOR 565	Machine Learning	
<b>Linguistic:</b>		
ANTH/LING 520	Linguistic Phonetics	
INLS 512	Applications of Natural Language Processing	
LING 200	Phonology	
LING 201	Syntax	
LING 202	Linguistic Variation and Language Change	
LING 401	Language and Computers	
LING 523	Phonological Theory I	
LING 540	Mathematical Linguistics	
LING 547	Language Deficits and Cognition	
PHIL 145	Language and Communication <sup>H</sup>	
PHIL 445	Philosophy of Language	
PSYC 432	Psychology of Language	
<b>Philosophical:</b>		
ANTH 146	The Nature of Moral Consciousness: A Course in General Anthropology	
ANTH/CMPL/ FOLK 435	Consciousness and Symbols	
LING/PHIL 455	Symbolic Logic	
PHIL 145	Language and Communication <sup>H</sup>	
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	
PHIL 164	Morality and Business	
PHIL 230	Experience and Reality <sup>H</sup>	
PHIL 335	Theory of Knowledge	
PHIL 340	Philosophy of Mind	
PHIL 440	Philosophy of Mind	
PHIL 445	Philosophy of Language	
<b>Additional Requirements</b>		
PSYC 101	General Psychology	3
Total Hours		18

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Recommended preparation, PSYC 210 or another quantitative reasoning course.

Students must earn a grade of C or better in at least four of the five core courses. Courses used to satisfy psychology core requirements cannot also satisfy requirements in the cognitive science minor. The minor is open to all, including psychology majors, who are still limited to no more

than 45 credit hours in the department. Students and their advisors should take careful note of the specified prerequisites for advanced offerings in this listing. The specified courses (or their equivalent from other institutions) provide a necessary background for entry into these advanced courses.

See the program page here (p. 783) for special opportunities.

## Neuroscience Minor

### Contact Information

**Department of Psychology and Neuroscience**  
Visit Program Website (<http://psychology.unc.edu>)  
Davie Hall, CB# 3270  
(919) 843-0174

**Kelly Giovanello, Director of Neuroscience Minor**  
kgio@email.unc.edu

**Donald T. Lysle, Chair**  
dlysle@email.unc.edu

**Regina M. Carelli, Associate Chair**  
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**Kaitlin Blakemore, Student Services Manager**  
blakek@email.unc.edu

**Christopher Coffey, Undergraduate Instructional Program Coordinator**  
ctcoffey@email.unc.edu

The minor is open to all students, including psychology majors. However, students should note that they are limited to no more than 45 credit hours within a specific department. Students must earn a grade of C or better in at least four of the five courses.

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 779)
- Psychology Major, B.A. (p. 783)
- Psychology Major, B.S. (p. 786)

### Minors

- Cognitive Science Minor (p. 790)
- Neuroscience Minor (p. 792)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
PSYC 175	Introduction to Neuroscience (with a grade of C or better)	3
Four courses distributed over at least two academic departments, selected from the following lists:		12
<b>Psychology:</b>		
PSYC 220	Biopsychology <sup>1, H</sup>	
PSYC 225	Sensation and Perception <sup>H</sup>	
PSYC 245	Abnormal Psychology <sup>H</sup>	
PSYC 320	Drugs and Human Behavior	
PSYC 330	Introduction to Cognitive Science	
PSYC 401	Animal Behavior	
PSYC 402	Advanced Biopsychology	
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	
PSYC 404	Clinical Psychopharmacology	
PSYC 415	History of Neuroscience	
PSYC 420	Functional Neuroanatomy	
PSYC 424	Neural Connections: Hands on Neuroscience	
PSYC 425	Advanced Perceptual Processes	
PSYC 426	Molecular Mechanisms of Memory	
PSYC 427	Neurobiology of Aging	
PSYC 428	Neuroscience, Society, and the Media	
PSYC 429	Neuroeconomics and the Science of Consequence	
PSYC 434	Cognitive Neuroscience	
PSYC 437	Neurobiology of Learning and Memory	
PSYC 469	Evolution and Development of Biobehavioral Systems	
PSYC 507	Autism	
PSYC 533	The General Linear Model in Psychology <sup>H</sup>	
PSYC 568	Emotion	
PSYC 602	Evolutionary Psychology	
<b>Biology:</b>		
BIOL 252	Fundamentals of Human Anatomy and Physiology	
BIOL 278	Animal Behavior	
BIOL 431	Biological Physics	
BIOL 450	Introduction to Neurobiology	
BIOL 451	Comparative Physiology	
BIOL 455	Behavioral Neuroscience	
BIOL 552	Behavioral Endocrinology	
BIOL 553	Mathematical and Computational Models in Biology	
<b>Biomedical Engineering:</b>		

BMME 445	Systems Neuroscience <sup>1</sup>
<b>Chemistry:</b>	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>
<b>Computer Science:</b>	
COMP 555	Bioalgorithms
<b>Exercise and Sport Science:</b>	
EXSS 380	Neuromuscular Control and Learning
<b>Mathematics:</b>	
MATH 383	First Course in Differential Equations <sup>H</sup>
MATH 528	Mathematical Methods for the Physical Sciences I
MATH 529	Mathematical Methods for the Physical Sciences II
MATH 547	Linear Algebra for Applications
MATH 553	Mathematical and Computational Models in Biology
MATH 564	Mathematical Modeling in the Life Sciences
MATH 566	Introduction to Numerical Analysis
MATH 577	Linear Algebra
<b>Physics:</b>	
PHYS 405	Biological Physics
<b>Statistics and Operations Research:</b>	
STOR 215	Foundations of Decision Sciences
STOR 445	Stochastic Modeling
STOR 455	Methods of Data Analysis
STOR 556	Advanced Methods of Data Analysis
STOR 565	Machine Learning
Total Hours	15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may receive elective credit for BMME 445 or PSYC 220, but not both.

See the program page here (p. 783) for special opportunities.

# DEPARTMENT OF PUBLIC POLICY

## Contact Information

### Department of Public Policy

Visit Program Website (<http://publicpolicy.unc.edu>)

114 Abernethy Hall, CB# 3435

(919) 962-1600

### Daniel Gitterman, Chair

[danielg@email.unc.edu](mailto:danielg@email.unc.edu)

### Patricia Sullivan, Director of Undergraduate Studies

[tsulli@email.unc.edu](mailto:tsulli@email.unc.edu)

### Anna Brown, Student Services Officer

[annakb@email.unc.edu](mailto:annakb@email.unc.edu)

## Introduction

Public policy is an interdisciplinary social science major designed to provide students with the theoretical perspective, analytical skill, and substantive knowledge needed to respond to major domestic and global policy problems.

Public policy researchers seek to understand the development and causes of public problems, explain the political processes influencing which problems are addressed and how, design solutions to these problems, and evaluate these solutions. Faculty in the department have expertise in a wide range of global and domestic policy issues including education and labor markets, environment and human welfare, innovation and entrepreneurship, science and technology policy, social policy and inequality, health policy, bioethics, and human rights, international development policy, global conflict and cooperation, and other policy areas.

The undergraduate curriculum emphasizes research and experiential learning and includes exposure to multiple disciplinary fields including policy analysis, economics, history, political science, philosophy, and statistics.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Public Policy's director of undergraduate studies and student services officer work with current and prospective students by appointment (see contact information above). For additional information on courses and undergraduate opportunities, see UNC Public Policy's Web site (<http://publicpolicy.unc.edu/academics/undergraduate-program>).

## Graduate School and Career Opportunities

The undergraduate major in public policy provides students with conceptual and analytical skills that prepare them for employment and graduate school. The integration of a liberal arts education, writing and analytical abilities, and knowledge in a domestic or global policy field prepares students for many career paths, including business, education, law, public administration, public health, public policy, non-profit sector, international affairs, and social work. Public policy majors go on to earn graduate degrees in a range of social science and professional

disciplines and pursue careers in academic settings, think tanks, nonprofit organizations, private corporations, and government agencies.

## Knowledge

Think and learn across academic disciplines with a diverse faculty with degrees in economics, history, law, sociology, philosophy, political science, and public policy.

## Skills

Gain an ability to think critically and independently; to write, reason, and communicate clearly; and to conduct research.

## Experience

Apply knowledge and skills in real world environments beyond the classroom. Students in our clinic, internship, and capstone courses address contemporary policy challenges by providing innovative analysis to nonprofit organizations and government agencies.

## Major

- Public Policy Major, B.A. (p. 800)

## Minor

- Public Policy Minor (p. 806)

## Graduate Programs

- M.A. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy>)
- Ph.D. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy>)

## Professors

Maryann P. Feldman, Daniel P. Gitterman, Sudhanshu (Ashu) Handa.

## Associate Professors

Christine Piette Durrance, Pamela Jagger, Douglas L. Lauen, Benjamin M. Meier, Jeremy G. Moulton, Patricia L. Sullivan.

## Assistant Professors

Carmen Gutierrez, Steven W. Hemelt, Rebecca Kreitzer, Douglas MacKay, Candis W. Smith, Brigitte Zimmerman.

## Research Assistant Professors

Cassandra R. Davis, Sarah Crittenden Fuller, Christen Holly.

## Professor of the Practice

Melissa Carrier.

## Teaching Assistant Professor

Anna Krome-Lukens.

## Professors Emeriti

Richard N.L. Andrews, David D. Dill, Michael A. Stegman.

## Professor of the Practice Emeritus

W. Hodding Carter III.

## PLCY–Public Policy

### Undergraduate-level Courses

#### **PLCY 51. First-Year Seminar: The Global Environment in the 21st Century. 3 Credits.**

This seminar explores linkages among nations, global environmental institutions, and the environmental problems they cause and seek to rectify. The course will examine how global environmental policy is made, with specific attention to the roles of institutions, nations, commercial and nonprofit entities.

**Gen Ed:** GL.

**Grading status:** Letter grade.

#### **PLCY 54. First-Year Seminar: U.S. Immigration. 3 Credits.**

This seminar provides students with an opportunity to discuss current topics in United States immigration. Students will explore theories of migration, acculturation and assimilation, and the ways in which policies influence the well-being of immigrants.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

#### **PLCY 55. First-Year Seminar: Higher Education, the College Experience, and Public Policy. 3 Credits.**

This first-year seminar provides an introduction to contemporary policy issues in higher education. Students will discuss challenges to current models of higher education, including accessibility, academic freedom, safety and security, and athletics.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### **PLCY 60. First-Year Seminar: Understanding Poverty. 3 Credits.**

Despite major improvements in living standards across the globe, nearly a fifth of the world's population still lives in extreme poverty. This course will examine the key determinants of human material well-being from an interdisciplinary perspective, discuss interventions and policies that can affect poverty including an assessment of market mechanisms, and interpret quantitative data to understand the causes and consequences of human development failures.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

#### **PLCY 61. First-Year Seminar: Policy Entrepreneurship and Public/Private/Non-Profit Partnerships. 3 Credits.**

This seminar will define a policy entrepreneur and examine strategies used by policy entrepreneurs to achieve policy change or innovation in the policy making process. We will also explore models of innovative public-private-non-profit partnerships in the delivery of public goods.

**Grading status:** Letter grade.

#### **PLCY 61H. First-Year Seminar: Policy Entrepreneurship and Public/Private/Non-Profit Partnerships. 3 Credits.**

This seminar will define a policy entrepreneur and examine strategies used by policy entrepreneurs to achieve policy change or innovation in the policy making process. We will also explore models of innovative public-private-non-profit partnerships in the delivery of public goods.

**Grading status:** Letter grade.

#### **PLCY 66. First-Year Seminar: Energy Poverty. 3 Credits.**

Access to affordable and clean energy, a key factor for sustainable development and poverty eradication, is one of the greatest challenges the world faces now and in the future. This interdisciplinary seminar will explore the scope and complexity of the problem, strategies used by governments, non-governmental organizations, and the private sector to mitigate energy poverty, and how to develop and support environmentally sustainable solutions.

**Gen Ed:** GL.

**Grading status:** Letter grade.

#### **PLCY 71. First-Year Seminar: Justice and Inequality. 3 Credits.**

This seminar investigates the value of equality, and asks which forms of inequality are unjust and ought to be addressed by governments. Topics include income inequality, political inequality, marriage inequality, racial inequality, and global inequality.

**Gen Ed:** PH.

**Grading status:** Letter grade.

#### **PLCY 75. First-Year Seminar: Debates in Public Policy and Racial Inequality. 3 Credits.**

Is inequality a policy choice? Students in this course will examine and participate in debates around whether and which policies have the capacity to create, sustain, exacerbate, and/or ameliorate inequalities in the United States.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### **PLCY 76. First-Year Seminar: Global Health Policy. 3 Credits.**

This course provides students with a variety of opportunities to understand the epidemiologic trends in world health, the institutions of global health governance, and the effects of globalization on global and national health policy.

**Gen Ed:** GL.

**Grading status:** Letter grade.

#### **PLCY 76H. First-Year Seminar: Global Health Policy. 3 Credits.**

This course provides students with a variety of opportunities to understand the epidemiologic trends in world health, the institutions of global health governance, and the effects of globalization on global and national health policy.

**Gen Ed:** GL.

**Grading status:** Letter grade.

#### **PLCY 80. First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth. 3 Credits.**

This seminar provides an introduction to entrepreneurship and innovation and considers their relationship to economic growth.

**Grading status:** Letter grade.

#### **PLCY 80H. First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth. 3 Credits.**

This seminar provides an introduction to entrepreneurship and innovation and considers their relationship to economic growth.

**Grading status:** Letter grade.

#### **PLCY 85. First-Year Seminar: Reforming America's Schools. 3 Credits.**

Examines the role of schools and other institutions play in determining life chances, which educational interventions work well for economically and academically disadvantaged students, and what to do when institutions cease to work well. Students will learn how to analyze complex educational public policy problems.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.



**PLCY 85H. First-Year Seminar: Reforming America's Schools. 3 Credits.**

Examines the role of schools and other institutions play in determining life chances, which educational interventions work well for economically and academically disadvantaged students, and what to do when institutions cease to work well. Students will learn how to analyze complex educational public policy problems.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**PLCY 89. First-Year Seminar:Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 101. Making Public Policy. 3 Credits.**

Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 101.

**PLCY 101H. Making Public Policy. 3 Credits.**

Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 101H.

**PLCY 110. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 110, GLBL 110.

**PLCY 110H. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 110H, GLBL 110H.

**PLCY 130. Getting It Done: Social Innovation. 1 Credit.**

Workshop open only to students who have received the APPLES Bryan Fellowship. Each fellowship team develops a project's underlying theory of change and the skills necessary for successful implementation. Students study the theories and implementation of one another's projects and external case studies.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**PLCY 190. Selected Topics in Public Policy. 1-3 Credits.**

Selected topics in public policy.

**Grading status:** Letter grade.

**PLCY 195. Research in Public Policy. 1-6 Credits.**

Permission of the instructor. Undergraduate research in public policy.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 196. Independent Study/Reading in Public Policy. 1-6 Credits.**

Supervised study for students interested in public policy.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 210. Policy Innovation and Analysis. 3 Credits.**

There is a need to define innovative solutions to public policy problems, to provide analysis of different alternatives, and to create a plan that would benefit the largest number of stakeholders. This course focuses on the process of constructing, evaluating, and deciding among alternatives based on their ability to satisfy society's goals.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**PLCY 210H. Policy Innovation and Analysis. 3 Credits.**

There is a need to define innovative solutions to public policy problems, to provide analysis of different alternatives, and to create a plan that would benefit the largest number of stakeholders. This course focuses on the process of constructing, evaluating, and deciding among alternatives based on their ability to satisfy society's goals.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**PLCY 220. The Politics of Public Policy. 3 Credits.**

Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 220.

**PLCY 220H. The Politics of Public Policy. 3 Credits.**

Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** PWAD 220H.

**PLCY 231. Why History Matters to Public Policy. 3 Credits.**

This course explores the uses of history and historical perspectives for public policy. Students will learn how historical processes have shaped today's public policies and examine how the origins and development of a policy can inform current policy decisions.

**Gen Ed:** HS.

**Grading status:** Letter grade

**Same as:** HIST 230.

**PLCY 235. Nonprofits and Public Policy. 3 Credits.**

Course provides an examination of the nonprofit sector in the United States with a particular emphasis on the role of nonprofit organizations in addressing policy issues. Explores the impact of the nonprofit sector on government policy and the impact of government policy on nonprofit organizations.

**Grading status:** Letter grade.

**PLCY 290. Special Topics in Public Policy. 3 Credits.**

Special topics in public policy for undergraduates.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PLCY 293. Internship in Public Policy. 3 Credits.**

For public policy majors and minors. Permission of the instructor. Offers students the opportunity to integrate and apply academic knowledge and skills by assuming active roles in nonprofit, nongovernmental, or government organizations. Under supervision of a mentor, students gain valuable knowledge that prepares them for the labor market after graduation.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**PLCY 296. Independent Study/Reading in Public Policy. 1-6 Credits.**

Permission of the instructor. Independent reading/study in public policy.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 305. Communicating in Public Policy. 3 Credits.**

Students will learn and practice the use of a range of tools and techniques for communicating information about complex public policy issues to diverse audiences. Emphasis on written communication and visualization techniques to explore and explain patterns in large data sets.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**PLCY 310. Microeconomic Foundations of Public Policy. 3 Credits.**

This course allows students to enhance their working knowledge of microeconomic theory, explore microeconomic theory as a methodology to solve policy problems, understand market failures and the role of collective action in markets, apply economic models to a variety of policy situations, and evaluate and critique economic analyses. Previously offered as PLCY 410.

**Requisites:** Prerequisite, ECON 101.

**Grading status:** Letter grade.

**PLCY 326. Social Ventures. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.

**Grading status:** Letter grade

**Same as:** ECON 326, PLAN 326.

**PLCY 326H. Social Ventures. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.

**Grading status:** Letter grade

**Same as:** ECON 326H, PLAN 326H.

**PLCY 327. Introduction to Entrepreneurship. 3 Credits.**

A historical overview of the role and importance of entrepreneurship in the economy and society, and a survey of the critical competencies all entrepreneurs (social, commercial, or artistic) must possess.

**Grading status:** Letter grade.

**PLCY 330. Negotiation and Mediation: The Practice of Conflict Management. 3 Credits.**

Students will learn about meeting their interests when in conflict with another individual, organization, or government, redefining the meanings of "winning" and "power," and coping with stress, discomfort, and emotions when in conflict. Students will learn new negotiation and mediation skills, build upon existing ones, and challenge assumptions regarding conflict.

**Gen Ed:** CI.

**Grading status:** Letter grade

**Same as:** PWAD 330.

**PLCY 340. Justice in Public Policy. 3 Credits.**

This seminar explores arguments about moral issues in public policy. Students examine both the means used to implement policies and policy ends through discussions of case studies of policy choice.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PLCY 340H. Justice in Public Policy. 3 Credits.**

This seminar explores arguments about moral issues in public policy. Students examine both the means used to implement policies and policy ends through discussions of case studies of policy choice.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PLCY 345. Buying Influence: Interest Groups and Public Policy. 3 Credits.**

Students will gain an understanding of the role interest groups play in American public policy and how that role has shifted over time. The course emphasizes the role of interest groups in four policy areas: civil rights, the environment, social policy, and campaign finance.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** POLI 345.

**PLCY 349. Immigration Policy in the 21st Century. 3 Credits.**

The objective of this course is to enhance students' understanding of the causes and consequences of United States immigration within a social, historical, political, and economic context.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**PLCY 352H. Honors Seminar on Public Policy and Global Affairs. 3 Credits.**

This is a graded seminar course that focuses on a study of domestic and international affairs within the United States policy-making process. This seminar is taught in Washington, DC. Students must apply for this program with UNC Study Abroad.

**Grading status:** Letter grade.

**PLCY 354. The Lived Experience of Inequality and Public Policy. 3 Credits.**

This course will explore the gap between public policy and the lived experiences of an reactions to it. Students will explore this gap by studying the work of social scientists who create public policy and the work of artists who have lived through and creatively responded to policy making outcomes.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** ENGL 354.

**PLCY 360. State and Local Politics. 3 Credits.**

A range of public policy topics at the state and local level.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**PLCY 361. Health Policy and Politics. 3 Credits.**

An analysis of the evolution of American medical care with special emphasis on current health care policy issues and debates about future directions. Compares other national models to those of the United States.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**PLCY 364. Ethics and Economics. 3 Credits.**

Recommended preparation, at least one course in ethics (PHIL 160, 163, or 170) or one course in economics. Issues at the intersection of ethics and economics, including value; the relation between values and preferences; rationality; the relevance to economics of rights, justice, and the value of human life.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** PHIL 364.

**PLCY 365. Sexuality, Gender, and Public Policy. 3 Credits.**

Public policies affect men and women differently, and they participate differently in the policy-making process. This course examines several key areas of public policy, some expressly related to gender or sexuality and others that have significantly gendered impacts, organized around four themes: family, labor, body, and the world.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** WGST 365.

**PLCY 371. Energy Policy. 3 Credits.**

This course will provide an overview of some of the most challenging energy issues of the 21st century and will cover the tools and perspectives necessary to analyze those problems.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ENEC 371.

**PLCY 372. Global Environment: Policy Analysis and Solutions. 3 Credits.**

Explores linkages among nations, global environmental institutions, and the environmental problems they cause and seek to rectify. Introduces pressing challenges of the global environment such as China and India's energy and climate policies, the environmental impacts of coal, nuclear energy, shale gas and fracking, and marine pollution. Discusses perspectives of nations, the role of financial markets and NGOs, and the international community involved in crafting policy solutions.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ENEC 372.

**PLCY 375. Law and Public Policy. 3 Credits.**

Law is one of the main technologies of action of individuals and of the American state. This seminar offers useful ways of thinking about the relationship between law and public policy.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PLCY 390. Special Topics in Public Policy (Undergraduate). 3 Credits.**

Special topics in public policy for undergraduate students.

**Grading status:** Letter grade.

**PLCY 393. Public Policy Clinic. 3 Credits.**

Permission of the instructor. The clinic offers students the opportunity to apply their academic knowledge by collaborating with local nonprofits and governmental agencies. Under faculty guidance, students identify, explore, and recommend solutions for real-world public policy problems while developing skills in team building and professional leadership.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**PLCY 394. The Intersector. 3 Credits.**

Permission of the instructor. This course aims to empower undergraduates to explore ways that local public, private, and non-profit sectors collaborate to address problems that cannot be solved by one sector alone. Students will utilize the Intersector toolkit to gain an understanding of how to diagnose, design, implement, and assess successful cross sector collaborations.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**PLCY 395. Research in Public Policy. 1-6 Credits.**

Permission of the instructor. Research in public policy for undergraduates. .

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 395H. Research in Public Policy. 1-6 Credits.**

Permission of the instructor. Research in public policy for undergraduates. .

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 396. Independent Study/Reading in Public Policy. 1-6 Credits.**

By special arrangement and permission of the instructor. Independent reading in public policy.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PLCY 425. Risks, Shocks, and the Safety Net. 3 Credits.**

Many risks and shocks can make individuals and families vulnerable to economic hardship. This course examines America's social policy regime through a wide-ranging investigation of the origins, development, and future of critical features of our social safety net. We pay particular attention to challenges emerging in the era of globalization.

**Gen Ed:** US.

**Grading status:** Letter grade.

**PLCY 430. Analysis of National Security Policy. 3 Credits.**

Course explores contemporary threats to national security, approaches to national security strategy, policy instruments, the role of military force, and the policy-making process.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** PWAD 430, POLI 430.

**PLCY 435. Designing for Impact: Social Enterprise Lab. 3 Credits.**

Focuses on the entrepreneurial process to solve social or environmental issues. Using modern methods and tools, students engage in experiments to test hypotheses around problem definition, opportunity recognition and solutions. Experience gained in this course enable students to launch their own social enterprise or join social enterprises in progress.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade.

**PLCY 440. Justice and Inequality. 3 Credits.**

Growing economic inequality has been identified as a pressing public policy problem in a number of countries. In this course, we explore the justice of economic inequality. Is economic inequality ever morally permissible? If so, for what reasons?

**Gen Ed:** PH.

**Grading status:** Letter grade.

**PLCY 455. 9/11 and Its Aftermath. 3 Credits.**

Examines the nature of Islamic fundamentalist terrorism and strategies for addressing it, including analysis of post-9/11 changes to United States national security strategy, law enforcement and intelligence, and homeland security.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** PWAD 455.

**PLCY 460. Quantitative Analysis for Public Policy. 4 Credits.**

Application of statistical techniques, including regression analysis, in public policy program evaluation, research design, and data collection and management.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PLCY 460H. Quantitative Analysis for Public Policy. 4 Credits.**

Application of statistical techniques, including regression analysis, in public policy program evaluation, research design, and data collection and management.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**PLCY 470. Business, Competition, and Public Policy. 3 Credits.**

This course focuses on competition policy in the United States using relevant Supreme Court decisions as well as economic and policy-related motivation for specific business behavior.

**Grading status:** Letter grade.

**PLCY 475. The Political Economy of Food. 3 Credits.**

This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ENEC 475.

**PLCY 475H. The Political Economy of Food. 3 Credits.**

This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ENEC 475H.

**PLCY 480. Environmental Decision Making. 3 Credits.**

Introduces factors shaping environmental decision making by individuals, businesses, governments, advocacy groups, and international institutions. Explores public policy incentives and action strategies for influencing them.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** ENEC 480.

**PLCY 485. Poverty, Health, and Human Development in Low Income Countries. 3 Credits.**

This course provides an understanding of how poverty is defined, the consequences of poverty, and policies to reduce poverty. It explores the determinants of human development outcomes from an interdisciplinary perspective (with a heavy economics focus).

**Requisites:** Prerequisite, ECON 101.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PLCY 490. Special Topics in Public Policy. 3 Credits.**

Special topics in public policy for undergraduate and graduate students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PLCY 496. Independent Study/Reading in Public Policy. 1-6 Credits.**

By special arrangement and permission of the instructor. Independent reading in public policy.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 520. Environment and Development. 3 Credits.**

Reviews environmental problems in developing countries. Analyzes proposed solutions, such as legal remedies, market instruments, corporate voluntary approaches, international agreements, and development policies. Discusses the link between trade and environment, environmental cases from the World Trade Organization, and sustainable development.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ENEC 520.

**PLCY 527. Applied Public Finance. 3 Credits.**

This course provides a foundation in public finance theory and applications. Students learn to analyze taxation policies and expenditures on income redistribution, programs for the poor (e.g., TANF), and social insurance programs (e.g., Social Security).

**Requisites:** Prerequisite, ECON 310 or 410, or PLCY 410 or 788.

**Grading status:** Letter grade.

**PLCY 527H. Applied Public Finance. 3 Credits.**

This course provides a foundation in public finance theory and applications. Students learn to analyze taxation policies and expenditures on income redistribution, programs for the poor (e.g., TANF), and social insurance programs (e.g., Social Security).

**Requisites:** Prerequisite, ECON 310 or 410, or PLCY 410 or 788.

**Grading status:** Letter grade.

**PLCY 530. Educational Problems and Policy Solutions. 3 Credits.**

Reviews current debates and policy solutions in education. Topics analyzed through three of the most commonly used evaluative criteria: equity, efficiency, and effectiveness. Topics: equality of educational opportunity, racial segregation, the black-white test score gap, school choice, and the use of incentives to promote increased performance.

Lecture, case studies, discussion.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.



**PLCY 530H. Educational Problems and Policy Solutions. 3 Credits.**

Reviews current debates and policy solutions in education. Topics analyzed through three of the most commonly used evaluative criteria: equity, efficiency, and effectiveness. Topics: equality of educational opportunity, racial segregation, the black-white test score gap, school choice, and the use of incentives to promote increased performance. Lecture, case studies, discussion.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**PLCY 565. Global Health Policy. 3 Credits.**

Coursework will focus on public policy approaches to global health, employing interdisciplinary methodologies to understand selected public health policies, programs, and interventions. For students who have a basic understanding of public health.

**Gen Ed:** GL.

**Grading status:** Letter grade

**Same as:** HPM 565.

**PLCY 570. Health and Human Rights. 3 Credits.**

Course focuses on rights-based approaches to health, applying a human rights perspective to selected public health policies, programs, and interventions. Students will apply a formalistic human rights framework to critical public health issues, exploring human rights as both a safeguard against harm and a catalyst for health promotion.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** HPM 571.

**PLCY 575. Innovation, Science, and Public Policy. 3 Credits.**

Introduction to analysis of science policy. Course explores how events transformed science's role in American life and how science relates to industry and economic development. Topics include the mechanisms of allocating scientific resources, the commercialization of academic discoveries, regulating emerging technology, and achieving consensus on controversial scientific issues.

**Grading status:** Letter grade.

**PLCY 581. Research Design for Public Policy. 3 Credits.**

Students will explore the scientific method as applied to policy research. They will formulate testable policy research questions, become familiar with methods for conducting policy research, and learn to think critically about causal inference.

**Requisites:** Pre- or corequisite, PLCY 460.

**Grading status:** Letter grade.

**PLCY 585. American Environmental Policy. 3 Credits.**

Intensive introduction to environmental management and policy, including environmental and health risks; policy institutions, processes, and instruments; policy analysis; and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** ENVR 585, ENEC 585, PLAN 585.

**PLCY 590. Special Topics in Public Policy. 3 Credits.**

Special topics for undergraduate and graduate students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PLCY 596. Independent Study/Reading in Public Policy. 1-6 Credits.**

Permission of the instructor. Independent reading in public policy.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PLCY 686. Policy Instruments for Environmental Management. 3 Credits.**

Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.

**Requisites:** Prerequisite, ECON 410 or PLAN 710.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ENEC 686, ENVR 686, PLAN 686.

**PLCY 690. Special Topics in Public Policy. 3 Credits.**

Special topics for graduate or undergraduate students.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PLCY 691H. Honors in Public Policy. 3 Credits.**

Permission of the instructor. In preparing their honors theses, students will formulate a testable policy research question, design a study to answer this research question, and learn to think critically about causal inference.

**Requisites:** Prerequisites, PLCY 460 and 581.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PLCY 692H. Honors in Public Policy. 3 Credits.**

Permission of the instructor. For senior public policy majors. Directed research for the honors thesis. Students may only receive credit for one semester of this course. An application for enrollment must be completed by the student and approved by the director of the public policy honors program.

**Requisites:** Prerequisite, PLCY 691H.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**PLCY 696. Independent Study/Reading in Public Policy. 1-6 Credits.**

Permission of the instructor. Independent reading in public policy.

**Grading status:** Letter grade.

**PLCY 698. Senior Capstone in Public Policy. 3 Credits.**

Students apply knowledge and skills gained in the major to a real-world policy problem. In small teams, students produce actionable, client-centered, public policy analysis for a government agency or nonprofit organization. Students also develop skills in team work, leadership, communication, professional etiquette, and time management.

**Requisites:** Prerequisites, PLCY 460; pre- or co-requisite, PLCY 581.

**Gen Ed:** CI, EE- Mentored Research, NA.

**Grading status:** Letter grade.

## Public Policy Major, B.A.

### Contact Information

**Department of Public Policy**

Visit Program Website (<http://publicpolicy.unc.edu>)

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The core curriculum in public policy includes courses on policy innovation and analysis, political science, ethics and social justice, economics, statistics, and research design. Our experiential education (EE) courses develop students' teamwork, leadership, and communication skills as they produce actionable, client-centered public policy research. The Department of Public Policy offers multiple courses on both global and domestic policy issues including courses on labor, the environment, health policy, international security, food systems, human rights, and economic development.

## Department Programs

### Major

- Public Policy Major, B.A. (p. 800)

### Minor

- Public Policy Minor (p. 806)

### Graduate Programs

- M.A. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy>)
- Ph.D. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy>)

## Student Learning Outcomes

Upon completion of the public policy program, students should be able to:

- Demonstrate knowledge of ethical, economic, and political perspectives for defining the public interest and evaluating policy choices
- Demonstrate appropriate written, oral, and analytical skills in evaluating public policy alternatives
- Demonstrate knowledge of a particular policy field and apply it in an experience in policy analysis in that field
- Demonstrate skills in developing approaches to solving current public policy problems as a result of participation in experiential education opportunities
- Work effectively in teams

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

First-year and sophomore students considering a major in public policy are encouraged to complete PLCY 101 or PLCY 110.

Code	Title	Hours
<b>Core Requirements</b>		
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 220	The Politics of Public Policy <sup>H</sup>	3
PLCY 340	Justice in Public Policy <sup>H</sup>	3
One of the following:		3
ECON 310	Microeconomics: Theory and Applications	
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	
PLCY 310	Microeconomic Foundations of Public Policy (formerly PLCY 410)	
PLCY 460	Quantitative Analysis for Public Policy <sup>2, H</sup>	4
PLCY 581	Research Design for Public Policy <sup>2</sup>	3
PLCY 698	Senior Capstone in Public Policy <sup>2</sup>	3
	or PLCY 692H Honors in Public Policy	
At least six credit hours of approved public policy electives. <sup>1</sup>		6
Policy Field/Concentration (optional), see list below		
<b>Additional Requirements</b>		
ECON 101	Introduction to Economics <sup>2, H</sup>	3
Total Hours		31

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Three credit hours may be for a 100- or 200-level PLCY course. The remaining three credit hours must be for an elective course at the 300 level or above. PLCY 130, PLCY 293 (formerly 320), PLCY 393 (formerly 325), and PLCY 394 may not count as electives for the public policy major.

<sup>2</sup> ECON 101 is a prerequisite for PLCY 310. PLCY 460 is a prerequisite for PLCY 698 and PLCY 691H and a pre- or corequisite for PLCY 581. PLCY 581 is a prerequisite for PLCY 691H and a pre- or co-requisite for PLCY 698.

## Policy Field Concentration (Optional)

Students who complete three approved electives in a specific policy field may elect to graduate with a concentration. Six of these credit hours must be for field courses at the 300 level or above. PLCY 393 and PLCY 394 may not count toward the field concentration. For students completing an honors thesis, PLCY 691H can count toward the policy field or concentration. Policy field concentrations include education and labor markets; environment and human welfare; innovation and entrepreneurship/science and technology policy; social policy and inequality; health policy; bioethics and human rights; international development policy; global conflict and cooperation.

Additionally, students may select courses across subfields and design their own field. For information about declaring a policy field concentration see the department's Web site (<https://publicpolicy.unc.edu/academics/undergraduate-program/faq>). The specific policy field is not listed on students' diplomas or transcripts.

UNC–Chapel Hill public policy majors are encouraged to list their policy field on their résumés.

## Course List

The following courses satisfy the electives requirement and optional policy field or concentration:

Code	Title	Hours
Any PLCY course at the 100 level or above, except PLCY 130, PLCY 293, PLCY 393, or PLCY 394		
AAAD 307	21st-Century Scramble for Africa	3
AAAD 488	Human Rights and Democracy in African Diaspora Communities	3
AAAD 485	Transnational Black Feminist Thought and Practice	3
AMST 390	Seminar in American Studies	3
AMST 486	Shalom Y'all: The Jewish Experience in the American South	3
ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
ANTH 318	Human Growth and Development	3
ANTH 319	Global Health	3
ANTH 360	Latin American Economy and Society	3
ANTH 377	European Societies	3
ANTH 380	Anthropological Perspectives on Cultural Diversity	3
ANTH 422	Anthropology and Human Rights	3
ANTH 429	Culture and Power in Southeast Asia	3
ANTH 439	Political Ecology	3
ANTH 441	The Anthropology of Gender, Health, and Illness	3
ANTH 460	Historical Ecology	3
ANTH 470	Medicine and Anthropology	3
ANTH 491	Political Anthropology	3
ANTH 502	Globalization and Transnationalism	3
ANTH 537	Gender and Performance: Constituting Identity	3
ANTH 567	Urban Anthropology	3
ANTH 585	Anthropology of Science	3
BUSI 404	The Legal and Ethical Environment of Business	1.5
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 500	Entrepreneurship and Business Planning <sup>H</sup>	3
BUSI 503	Family Business I: Introduction to Family Enterprise	1.5
BUSI 504	Launching the Venture	1.5
BUSI 506	Venture Capital and Start-Ups	3
BUSI 512	Family Business II: Governance and Ownership	1.5
BUSI 610	Global Environment of Business	3
BUSI 611	International Development	3
COMM 312	Persuasion	3
COMM 325	Introduction to Organizational Communication <sup>H</sup>	3
COMM 372	The Rhetoric of Social Movements	3
COMM 375	Environmental Advocacy	3
COMM 376	The Rhetoric of War and Peace	3
COMM 470	Political Communication and the Public Sphere	3
COMM 521	Communication and Social Memory	3
COMM 524	Gender, Communication, and Culture <sup>H</sup>	3
COMM 525	Organizational Communication	3
COMM 571	Rhetorical Theory and Practice	3
COMM 572	Public Policy Argument <sup>H</sup>	3
COMM 574	War and Culture	3
COMM 575	Presidential Rhetoric	3
COMM 576	Making and Manipulating "Race" in the United States	3
COMM 624	Hate Speech	3
COMM 625	Communication and Nonprofits in the Global Context	3
COMM 652	Media and Difference	3
ECON 320	Macroeconomics: Theory and Policy	3
ECON 325	Entrepreneurship: Principles and Practice <sup>H</sup>	3
ECON 345	Public Policy Toward Business	3
ECON 363	International Economics from the Participant's Perspective	3
ECON 380	The Economics of Labor Relations	3
ECON 423	Financial Markets and Economic Fluctuations <sup>H</sup>	3
ECON 430	Economic Development of the United States	3
ECON 440	Analysis of Public Finance	3
ECON 445	Industrial Organization	3
ECON 450	Health Economics: Problems and Policy	3
ECON 454	Economics of Population	3
ECON 455	Environmental Economic Theory	3
ECON 460	International Economics	3
ECON 465	Economic Development	3
ECON 480	Labor Economics	3
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	3
ECON 586	Economics of the Family	3
EDUC 401	Introduction to Early Childhood Development: Birth to Eight	3
EDUC 441	Education in American Society	3
EDUC 506	Politics, Policymaking, and America's Schools	3
EDUC 521	Schools, Cultures, and Communities I: Youth	3
EDUC 533	Social Justice in Education	3
EDUC 535	Teachers and Schools	3
ENGL 364	Introduction to Latina/o Studies <sup>H</sup>	3
ENGL 365	Migration and Globalization <sup>H</sup>	3
ENEC 463	Business and the Environment <sup>H</sup>	3
ENEC 307	Energy and Material Flows in the Environment and Society	3
ENEC 308	Environmental History	3
ENEC 309	Environmental Values and Valuation	3
ENEC 330	Principles of Sustainability	3
ENEC 350	Environmental Law and Policy	3
ENEC 351	Coastal Law and Policy	3
ENEC 352	Marine Fisheries Ecology	3
ENEC 370	Agriculture and the Environment <sup>H</sup>	3
ENEC 462	Ecosystem Management	3
ENEC 474	Sustainable Coastal Management	3
ENEC 586	Water Quality Policies and Planning	3
ENEC 685	Environmental and Resource Economics	3

ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
ENEC/ENVR 470	Environmental Risk Assessment	3	HIST 625	Technology and American Culture	3
ENEC/ENVR 585	American Environmental Policy	3	HPM 310	Introduction to Law and Ethics in Health Management	3
ENEC/ENVR/PLAN/PLCY 686	Policy Instruments for Environmental Management	3	HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
ENEC/PHIL 368	Environmental Ethics	3	HPM 340	Foundations of Health Care Financial Management	3
ENVR 600	Environmental Health	3	HPM 350	Introduction to Health Services Systems	3
GEOG 370	Introduction to Geographic Information	3	HPM 351	Politics, Public Health, and Health Policy	3
GEOG 391	Quantitative Methods in Geography	3	HPM 352	Introduction to Health Services Systems II	3
GEOG 414	Climate Change	3	HPM 435	Marketing for Not-for-Profit Organizations	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3	INLS 382	Information Systems Analysis and Design	3
GEOG 423	Social Geography	3	INLS 515	Consumer Health Information	3
GEOG 428	Global Cities: Space, Power, and Identity in the Built Environment	3	MASC 310	Our Changing Planet: Science, Social Impacts, Solutions	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3	MASC 314	Earth Systems in a Changing World	3
GEOG 435	Environmental Politics	3	MEJO 340	Introduction to Media Law: Journalism Focus	3
GEOG 446	Geography of Health Care Delivery	3	MEJO 441	Diversity and Communication	3
GEOG 447	Gender, Space, and Place in the Middle East	3	MEJO 442	Gender, Class, Race, and Mass Media	3
GEOG 448	Transnational Geographies of Muslim Societies	3	MEJO 443	Latino Media Studies	3
GEOG/ENEC 451	Population, Development, and the Environment	3	MEJO 445	Process and Effects of Mass Communication	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3	MEJO 446	Global Communication and Comparative Journalism	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3	MEJO 458	Southern Politics: Critical Thinking and Writing	3
GEOG 460	Geographies of Economic Change	3	MEJO 541	Economics Reporting	3
GEOG 470	Political Ecology: Geographical Perspectives	3	MEJO 560	Environmental and Science Journalism <sup>H</sup>	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3	MEJO 652	Digital Media Economics and Behavior	3
GEOG 481	Ethnographies of Globalization: An Upper-Level Research Design Class	3	MNGT 345	Public Policy Toward Business	3
GEOG 491	Introduction to GIS	3	MNGT 365	The Worker and American Life	3
GEOG 541	GIS in Public Health	3	MNGT 380	The Economics of Labor Relations	3
GEOG 542	Neighborhoods and Health	3	MNGT 410	Formal Organizations and Bureaucracy	3
GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3	MNGT 412	Social Stratification	3
GLBL 390	Current Topics in Global Studies	3	MNGT 415	Economy and Society	3
GLBL 394	Great Decisions and International Relations	2	MNGT 427	The Labor Force	3
GLBL 405	Comparative Political Economics of Development	3	PHIL 364	Ethics and Economics	3
GLBL 406	Transitions to Democracy	3	PHIL 370	Political Philosophy	3
GLBL 560	Human Rights, Ethics, and Global Issues	3	PHIL 384	Introduction to Philosophy, Politics, and Economics	3
HIST 365	The Worker and American Life	3	PHIL 473	American Political Philosophy	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3	PHIL 480	Philosophy of Law	3
HIST 564	The American Revolution, 1763-1815	3	PHIL 698	Philosophy, Politics, and Economics: Capstone Course	3
HIST 566	The History of Sexuality in America	3	PLAN 330	Principles of Sustainability	3
HIST 568	Women in the South	3	PLAN 574	Political Economy of Poverty and Inequality	3
HIST 569	African American Women's History	3	PLAN 585	American Environmental Policy	3
HIST 577	United States Foreign Relations in the 20th Century	3	PLAN 636	Urban Transportation Planning	3
HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3	PLAN 637	Public Transportation	3
			PLAN 641	Watershed Planning	3
			PLAN 651	Urban Form and the Design of Cities	3
			PLAN 685	Water and Sanitation Planning and Policy in Less Developed Countries	3
			POLI 400	Executive Politics	3

POLI 401	Political Economy I: The Domestic System	3	PWAD 575	Presidential Rhetoric	3
POLI 406	State Governments: Laboratories of Democracy	3	PWAD 577	United States Foreign Relations in the 20th Century	3
POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3	RELI 423	Ethnicity, Race, and Religion in America	3
POLI 412	United States National Elections <sup>H</sup>	3	RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
POLI 416	Constitutional Policies and the Judicial Process	3	STOR 305	Decision Making Using Spreadsheet Models	3
POLI 418	Mass Media and American Politics	3	STOR 358	Sample Survey Methodology	4
POLI 419H	Race and Politics in the Contemporary United States	3	STOR 415	Introduction to Optimization	3
POLI 420	Legislative Politics <sup>H</sup>	3	STOR 455	Methods of Data Analysis	3
POLI 431	African Politics and Societies	3	SOCI 410	Formal Organizations and Bureaucracy	3
POLI 433	Politics of the European Union <sup>H</sup>	3	SOCI 412	Social Stratification	3
POLI 434	Politics of Mexico	3	SOCI 415	Economy and Society	3
POLI 436	Democracy and Development in Latin America (Spanish)	3	SOCI 416	Comparative Perspectives on Contemporary International Migration and Social Membership	3-4
POLI 437	Political Change in Asia	3	SOCI 418	Contemporary Chinese Society	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3	SOCI 420	Political Sociology	3
POLI 442	International Political Economy	3	SOCI 422	Sociology of Mental Health and Illness	3
POLI 443	American Foreign Policy: Formulation and Conduct	3	SOCI 423	Sociology of Education, Experiential Education	3
POLI 444	Terrorism and International Peace	3	SOCI 424	Law and Society	3
POLI 457	International Conflict Processes	3	SOCI 425	Family and Society, Junior/Senior Section	3
POLI 470	Social and Political Philosophy <sup>H</sup>	3	SOCI 426	Sociology of Education	3
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3	SOCI 427	The Labor Force	3
PSYC 465	Poverty and Development	3	SOCI 431	Ageing	3
PSYC 467	The Development of Black Children	3	SOCI 442	Conflict and Bargaining	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3	SOCI 444	Race, Class, and Gender	3
PSYC 471	The Study of Adolescent Issues and Development	3	SOCI 468	United States Poverty and Public Policy	3
PSYC 500	Developmental Psychopathology	3	SOCI 469	Health and Society	3
PSYC 502	Psychology of Adulthood and Aging	3	SPHG 350H	Introduction to Public Health	3
PSYC 504	Health Psychology	3	WGST 368	Women of Color in Contemporary United States Social Movements	3
PSYC 512	Popularity, Friendship, and Peer Relations	3	WGST 388	The International Politics of Sexual and Reproductive Health	3
PSYC 514	Mania and Depression	3	WGST 410	Comparative Queer Politics	3
PSYC 515	Psychological Approaches to Prevention Science	3	WGST 569	African American Women's History	3
PSYC 530	Design and Interpretation of Psychological Research	3	WGST 610	Feminism, Sexuality, and Human Rights	3
PSYC 531	Tests and Measurement	3	WGST 662	Gender Issues in Planning and Development	3
PSYC 532	Quantitative Psychology <sup>H</sup>	3			
PSYC 561	Social Cognition <sup>H</sup>	3			
PSYC 565	Stereotyping, Prejudice, and Discrimination	3			
PSYC 601	Psychology and Law	3			
PUBH 510	Interdisciplinary Perspectives in Global Health	3			
PWAD 350	Introduction to Peace and Security Studies	3			
PWAD 368	War and American Society to 1903	3			
PWAD 416	Constitutional Policies and the Judicial Process	3			
PWAD 443	American Foreign Policy: Formulation and Conduct	3			
PWAD 444	Terrorism and International Peace	3			
PWAD 453	Political Geography	3			
PWAD 455	9/11 and Its Aftermath	3			
PWAD 460	International Economics	3			
PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3			
PWAD 574	War and Culture	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Program Restrictions

A maximum of one three-credit independent study course (PLCY 395, PLCY 396, PLCY 496, PLCY 596, or PLCY 696) may be counted as an elective for the policy major. For credit toward the major, an independent study proposal form must be completed by the student, approved by the independent study instructor, submitted to the student services officer, and approved by the director of undergraduate studies before the independent study begins. A maximum of one three-credit transfer or study abroad course or two Honors Seminar on Public Policy and Global Affairs courses (PLCY 352H; HNRS 352) may be counted as electives toward the public policy major.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
ECON 101	Introduction to Economics <sup>H</sup>	3
PLCY 101	Making Public Policy (Optional, elective credit) <sup>H</sup>	3
or	or Global Policy Issues	
PLCY 110		
Hours		6
<b>Sophomore Year</b>		
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 220	The Politics of Public Policy <sup>H</sup>	3
PLCY 340	Justice in Public Policy <sup>H</sup>	3
Hours		9
<b>Junior Year</b>		
PLCY 460	Quantitative Analysis for Public Policy <sup>H</sup>	4
STOR 155	Introduction to Data Models and Inference (Strongly recommended)	3
PLCY 581	Research Design for Public Policy (PLCY 460 is a co- or prerequisite)	3
ECON 310	Microeconomics: Theory and Applications	3
or	or Intermediate Theory: Price and Distribution	
ECON 410		
Hours		13
<b>Senior Year</b>		
PLCY 698	Senior Capstone in Public Policy <sup>1</sup>	3
	Elective credit at 300 level or above	3
Hours		6
Total Hours		34

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> or PLCY 691H and PLCY 692H.

## Special Opportunities in Public Policy

### Honors in Public Policy

Public policy majors who have at least a 3.3 overall grade point and a 3.5 in the core public policy courses are eligible to apply to the department's honors program in the spring of their junior year. The honors thesis offers an opportunity for motivated students to move beyond traditional coursework and apply critical thinking skills to an academic public policy thesis. This program is organized as an original, independent research project under the direction of a faculty advisor.

Completion of an honors thesis provides a total of six credit hours toward the major, including three credits toward a policy field concentration.

Students who complete an honors thesis and maintain all other eligibility criteria may be recommended by their thesis advisor and the Undergraduate Affairs Committee for graduation with honors or highest honors in public policy. The department's Web site (<http://publicpolicy.unc.edu/academics/undergraduate-program/honors>) provides more information.

### Undergraduate Research

Most courses in public policy include a research component. The Office for Undergraduate Research maintains a database of courses that qualify as research intensive, research exposure, and research methods courses. Earning a grade of C or better in any of these courses partially fulfills the requirements for the Carolina Research Scholar designation. In addition, the department offers opportunities for students to work directly with a faculty member on a research project through independent study. The honors thesis process enables students to undertake a major independent policy research project. The Duncan MacRae Jr. Public Policy Fund provides grants on a competitive basis to public policy majors engaged in mentored research with a public policy faculty member, in policy-relevant independent research, and in honors thesis research in public policy.

### Experiential Education

The Department of Public Policy's experiential education programs offer students structured, active-learning opportunities that invite them to integrate and apply their academic knowledge and skills in a real-world policy environment. Opportunities include internships, the Honors Seminar on Public Policy and Global Affairs in Washington D.C. (PLCY 352H), the public policy clinic (PLCY 393), the intersector (PLCY 394), and the public policy capstone course (PLCY 698). PLCY 130, PLCY 293, PLCY 393, PLCY 691H, PLCY 692H, and PLCY 698 are all approved as experiential education courses.

For more information, see the department's Web site (<http://publicpolicy.unc.edu/academics/experiential-education>).

### Capstone Course

The capstone course (PLCY 698) is the culminating experience of the public policy undergraduate major and is required for all seniors except those who complete an honors thesis. Students should register for the course in the fall or spring of their senior year. The course provides a bridge between policy analysis as it is studied in an academic setting and policy analysis as it is practiced in the workplace. Students work in small teams to produce actionable, client-centered, public policy analysis for a government agency or nonprofit organization.

### Internships

Students may receive academic credit for an approved internship if it provides an academically relevant experience in policy analysis or research. Students who wish to complete an internship with an external organization can do so through PLCY 293 (available to public policy majors and minors). PLCY 293 is a Pass/Fail course. The Duncan MacRae Jr. Public Policy Internship Grant aims to support internship opportunities for public policy majors and to defer some of the costs associated with engaging in unpaid summer internships. The Hodding Carter III Public Service Fellowship supports opportunities for UNC–Chapel Hill public policy majors to engage in public service opportunities in our communities, the American south, the nation, and around the globe.



## Undergraduate Funding and Awards

Each year UNC Public Policy holds a graduation ceremony to honor students' achievements. The Richard N.L. (Pete) Andrews Environmental Policy Fund recognizes a rising senior public policy major who has been exceptionally engaged in research and/or public service to find solutions to local, state, national, or global environmental policy challenges. The Kathy Taft Education Policy Award recognizes a rising senior majoring in public policy with an interest in and dedication to education policy. The Michael A. Stegman Award for Policy Research and Advocacy is awarded to a graduating public policy major who has demonstrated an ability to use policy research and analysis to advocate for social change and a commitment to play a future role in policy research and advocacy.

## Public Policy Majors Union

The Public Policy Majors' Union (PPMU) was founded in 1988 in an effort to help govern the department's curriculum. The PPMU has since expanded its role to include representation of policy majors within the University community and sponsorship of policy-related events. Membership is open to all public policy majors.

## Honors Seminar on Public Policy and Global Affairs in Washington, D.C.

The Honors Seminar on Public Policy and Global Affairs offers Carolina undergraduates a unique learning, living, and internship opportunity in our nation's capital. The seminar offers students first-hand engagement with the actors and organizations that influence domestic and global affairs in Washington, D.C. It aims to expose students to a range of public policies that influence U.S. economic prosperity, national security, and its role in the broader global community. Internship placements provide opportunities for students to apply academic learning, to derive new insights and questions for seminar discussion, and to work directly with substantive policy experts.

## Public Policy Minor

### Contact Information

#### Department of Public Policy

Visit Program Website (<http://publicpolicy.unc.edu>)  
114 Abernethy Hall, CB# 3435  
(919) 962-1600

#### Daniel Gitterman, Chair

[danielg@email.unc.edu](mailto:danielg@email.unc.edu)

#### Patricia Sullivan, Director of Undergraduate Studies

[tsulli@email.unc.edu](mailto:tsulli@email.unc.edu)

#### Anna Brown, Student Services Officer

[annakb@email.unc.edu](mailto:annakb@email.unc.edu)

Public policy is an interdisciplinary social science program designed to provide students with the theoretical perspective, analytical skill, and substantive knowledge needed to respond to major domestic and global policy problems. The core curriculum in public policy includes courses on policy innovation and analysis, political science, ethics and social justice, economics, statistics, and research design. The undergraduate minor in public policy consists of five courses.

## Department Programs

### Major

- Public Policy Major, B.A. (p. 800)

### Minor

- Public Policy Minor (p. 806)

### Graduate Programs

- M.A. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy>)
- Ph.D. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC-Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

First-year and sophomore students considering a minor in public policy are encouraged to complete PLCY 101 or PLCY 110.

Code	Title	Hours
<b>Requirements</b>		
Students must complete at least four of the following core courses:		12
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	
PLCY 220	The Politics of Public Policy <sup>H</sup>	
PLCY 340	Justice in Public Policy <sup>H</sup>	
PLCY 460	Quantitative Analysis for Public Policy <sup>H</sup>	
PLCY 581	Research Design for Public Policy	
One of ECON 310, ECON 410, PLCY 310		
One additional PLCY course at the 100 level or above (not including PLCY 130)		3
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Public policy (PLCY) course descriptions (p. 794).

The regulations governing a minor, as set forth in this catalog, apply to the minor in public policy.

See the program page here (p. 800) for special opportunity.

# DEPARTMENT OF RELIGIOUS STUDIES

## Contact Information

### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)

125 Carolina Hall, CB# 3225

(919) 962-1567

### Randall Styers, Chair

### Jessica Boon, Interim Director of Undergraduate Studies

[jboon@email.unc.edu](mailto:jboon@email.unc.edu)

### Myra Quick, Department Registrar

[quick@email.unc.edu](mailto:quick@email.unc.edu)

## Introduction

The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, artifacts, beliefs, values, and rituals of a variety of religious traditions, including Buddhism, Christianity, Islam, and Judaism. Inherently interdisciplinary in its approach, religious studies explores religions in light of related fields in the humanities and social sciences such as anthropology, classics, archaeology, sociology, philosophy, and history.

## Advising

The director of undergraduate studies advises majors and minors in religious studies. Please contact the Department of Religious Studies for updated contact information.

The director of Jewish studies advises majors and minors in Jewish studies. Please contact the Carolina Center for Jewish Studies for updated contact information.

The director of Christianity and culture advises minors in the study of Christianity and culture. Please contact the Department of Religious Studies for updated contact information.

The director of the Carolina Center for the Study of the Middle East and Muslim Civilizations advises minors in Islamic and Middle Eastern studies. Please consult the Carolina Center for the Study of the Middle East and Muslim Civilizations for updated contact information.

## Graduate School and Career Opportunities

Those wishing to proceed to graduate work in religious studies can consult the director of undergraduate studies. We encourage students to pursue the study of two or more languages in which the sacred literatures of the world have been written, as well as the modern languages of scholarship. In addition to the language courses offered by this department, UNC–Chapel Hill offers courses in Greek, Modern Hebrew, Chinese, Japanese, Hindi-Urdu, Latin, Arabic, Sanskrit, Persian, Bengali, and Tamil.

Students majoring in religious studies often choose to pursue an M.A. or Ph.D. in religious studies or other related fields in the humanities and social sciences. Some of the graduates of the program go on to professional schools in law, medicine, divinity, or journalism. Each year the department awards the Bernard Boyd Fellowship to a graduating

religious studies major who is planning to pursue graduate study in religion at another institution.

### Majors

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A.–Jewish Studies Concentration (p. 832)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

## Professors

Barbara Ambros, Yaakov Ariel, Bart D. Ehrman, Carl W. Ernst, Jodi Magness, Zlatko Pleše.

## Associate Professors

Jessica Boon, Juliane Hammer, David Lambert, Lauren Leve, Evyatar Marienberg, Todd Ramón Ochoa, Randall Styers.

## Assistant Professors

Brandon Bayne, Andrea Cooper, Joseph Lam, Hugo Mendez, Brendan Thornton.

## Adjunct Professors

Jason Bivins (NCSU), Philip F. Gura, Jonathan M. Hess, Charles Kurzman, Bruce B. Lawrence (Duke University), Fred Naiden, Albert Rabil Jr., James B. Rives, Omid Safi (Duke University).

## Adjunct Associate Professors

Anna Bigelow (NCSU), Christian Lundberg, Barry Saunders, Margaret J. Wiener.

## Adjunct Assistant Professors

Maria Doerfler (Duke University), Levi McLaughlin (NCSU).

## Professors Emeriti

David J. Halperin, Peter I. Kaufman, Laurie Maffly-Kipp, William J. Peck, Jack Sasson, Ruel W. Tyson Jr., John Van Seters.

The department offers a variety of courses ranging from large lecture to advanced seminars, as well as independent studies, an honors thesis program, and a capstone course for all majors (RELI 697). Introductory courses, which are numbered below 200, orient students to the field of religious studies or to major approaches, topics, or issues within that broader field. Intermediate courses are numbered between 200 and 399, and they provide more in-depth analysis. Advanced courses, which are numbered 400 and above, often build on knowledge or skills derived from

lower-level courses, and they provide opportunities for research-intensive study in particular areas of concentration in the study of religion.

## RELI—Religious Studies

### Undergraduate-level Courses

#### RELI 60. First-Year Seminar: Religion and Racism. 3 Credits.

How does religion become a source of ethnic or racial prejudice among religious practitioners? When does prejudice against religious persons constitute a form of racism? This class explores answers to these questions by examining the connections between religion and racism in modern societies like the United States and South Africa.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade.

#### RELI 61. First-Year Seminar: Religion, Magic, and Science. 3 Credits.

This course explores the ways in which religion, magic, and science are defined in the modern world and the different forms in which supernaturalism circulates within contemporary culture.

**Gen Ed:** HS.

**Grading status:** Letter grade.

#### RELI 62. First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals. 3 Credits.

Christian orthodox beliefs or practices often get formulated expressly to marginalize a viewpoint or community considered too radical. This course examines a variety of Western Christian dissenters and the authorities who opposed them: Gnostics; medieval, Spanish, and Latin American inquisitions; Protestant Anabaptists; witches; Galileo; Mormons; and Pentecostals.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

#### RELI 63. First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls. 3 Credits.

In this seminar students learn about the Dead Sea Scrolls, ancient manuscripts dating to the time of Jesus from caves around the site of Qumran by the Dead Sea. They include early copies of the Hebrew Bible (Old Testament) and sectarian works belonging to the Jewish community that lived in Qumran.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

#### RELI 64. First-Year Seminar: Reintroducing Islam. 3 Credits.

An introduction to the Islamic religious tradition, focusing on major themes of Islamic religious thought, bringing out both traditional spirituality and the critical issues confronting Muslims today.

**Gen Ed:** PH, BN, GL.

**Grading status:** Letter grade.

#### RELI 65. First-Year Seminar: Myth, Philosophy, and Science in the Ancient World. 3 Credits.

This course examines the conflicting ways in which ancient myth, science, and philosophy explained creation of the universe, origins of mankind, nature of dreams, and foundations of culture.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

#### RELI 66. First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys. 3 Credits.

Introduces students to Buddhism and traces its history in the United States, highlighting the period since 1965. It focuses on immigrants, converts, and the cultural influence of Buddhism in America.

**Gen Ed:** PH.

**Grading status:** Letter grade.

#### RELI 67. First-Year Seminar: Nature, Culture, and Self-Identity: Religion in the Construction of Social Life. 3 Credits.

This course explores how different religious traditions conceive of human nature and cultural personhood, and the ways that these understandings are reflected in diverse forms of personal identity and public life.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### RELI 68. FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination. 3 Credits.

A comparative examination of prophet, scientist, and poet as critics and creators of the entrepreneurial outlook and sensibility in individuals and organizations with special attention to innovator's dilemmas.

**Gen Ed:** PH.

**Grading status:** Letter grade.

#### RELI 68H. FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination. 3 Credits.

A comparative examination of prophet, scientist, and poet as critics and creators of the entrepreneurial outlook and sensibility in individuals and organizations with special attention to innovator's dilemmas.

**Gen Ed:** PH.

**Grading status:** Letter grade.

#### RELI 69. First-Year Seminar: Gender and Sexuality in Contemporary Judaism. 3 Credits.

Taking a global perspective, the course compares the manners in which Jewish communities in America, Israel, Europe, Asia, and Africa have accommodated themselves to the changing norms in gender and sexuality in the last generation.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### RELI 70. First-Year Seminar: Jesus in Scholarship and Film. 3 Credits.

This seminar explores the ways the historical Jesus has been portrayed in the writings of modern scholars and films of the 20th and 21st centuries.

**Gen Ed:** SS.

**Grading status:** Letter grade.

#### RELI 71. First-Year Seminar: Ethics and the Spirit of the New Capitalism. 3 Credits.

What does it mean to be ethically literate in the age of information technology? Philosophical and historical inquiries into organizational practices and styles of life.

**Gen Ed:** PH.

**Grading status:** Letter grade.

#### RELI 72. First-Year Seminar: Apocalypse Now? Messianic Movements in America. 3 Credits.

This course explores the messianic idea in America as well as the messianic movements that have been active in the nation's history and their interaction with American society and culture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

#### RELI 73. First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion. 3 Credits.

This course examines the cultural construction of animals in Japanese myth, folklore, and religion.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**RELI 73H. First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion. 3 Credits.**

This course examines the cultural construction of animals in Japanese myth, folklore, and religion.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade.

**RELI 74. First-Year Seminar: Person, Time, and Religious Conduct. 3 Credits.**

Within the vast field of activity called "religion," this course examines how people and societies give meaning to the relation between human organisms and the universe in time and space.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 74H. First-Year Seminar: Person, Time, and Religious Conduct. 3 Credits.**

Within the vast field of activity called "religion," this course examines how people and societies give meaning to the relation between human organisms and the universe in time and space.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 75. First-Year Seminar: Sacrifice and Surrender. 3 Credits.**

This course will consider the questions of debt, loss, and surrender as we explore the problem of sacrifice. Readings will address the associated problems of violence, transgression, and animality.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**RELI 76. First-Year Seminar: Money and Morality: Divining Value in Social Life. 3 Credits.**

This seminar explores the many ways that different religions and cultures have imagined spiritual wealth, secular riches, and the appropriate modes of interaction between them in different places and times.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**RELI 77. First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence. 3 Credits.**

This seminar asks why some people choose to take life (their own or another's) for religious purposes and how texts, practices, and communities shape these motives. Focuses on martyrological traditions in Western religions, but also tracks idioms of war, sacrifice, and ritualized suffering in other religious contexts and secular discourses.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**RELI 78. First-Year Seminar: Reading the Bible: Now and Then. 3 Credits.**

An introduction to the interpretation of the Hebrew Bible/Old Testament. We will look at the biblical text as modern interpreters and through the eyes of the Bible's earliest Jewish and Christian interpreters with special attention to changing assumptions about how to read the Bible and the nature of Scripture itself.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**RELI 79. First-Year Seminar: Human Animals in Religion and Ethics. 3 Credits.**

This course investigates the figure of the human animal in religion and philosophy. What kind of animal is the human, and what separates humans from animals? We will consider how attending to distinctions between humans and animals can highlight varying ideological and religious viewpoints.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**RELI 80. First-Year Seminar: Religion and Writing in the Ancient World. 3 Credits.**

This seminar considers the role of writing as a technology in the shaping of ancient religious traditions, from the inventions of writing in Mesopotamia and Egypt to the advent of Islam. Topics include the early alphabet, magical/mystical uses of writing, religion and literacy, and the development of "Scripture" (e.g., Bible, Qur'an).

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 85. First-Year Seminar: Sex, Marriage, and Family in Religion. 3 Credits.**

This course approaches the central role of discourses about sexual norms, marriage, and family in select religious traditions. It asks how religious traditions have defined and negotiated normative models for marriage and family in their connection to larger theological frameworks and religious source texts.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**RELI 88. First-Year Seminar: Religion and Society in Historical Novels. 3 Credits.**

In this seminar we will read several books. Most of them are bestsellers and can be described as "historical novels." Having these books as a starting point, we will explore religion and society in Europe and the Middle East in the medieval and early modern period.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**RELI 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**RELI 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**RELI 101. Introduction to Religious Studies. 3 Credits.**

An introduction to the academic study of religion that considers approaches to the interpretation of religion and includes study of several religious traditions.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**RELI 102. World Religions. 3 Credits.**

This course examines forms of religious expression as embodied in several important religious traditions. It investigates religious experience; myth and ritual; teachings and scripture; historical, social, and artistic aspects of religion; and the nature and function of religion in society, with a special focus on ethics and values.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**RELI 103. Introduction to the Hebrew Bible/Old Testament Literature. 3 Credits.**

This course introduces students to the various books of the Hebrew Bible and to the history and culture of ancient Israel, focusing on the formation of national identity, ancient conceptualizations of divinity, ritual practice, and modes of social regulation, all of which are set against the background of the ancient Near East.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** JWST 103.

**RELI 103H. Introduction to the Hebrew Bible/Old Testament Literature. 3 Credits.**

This course introduces students to the various books of the Hebrew Bible and to the history and culture of ancient Israel, focusing on the formation of national identity, ancient conceptualizations of divinity, ritual practice, and modes of social regulation, all of which are set against the background of the ancient Near East.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** JWST 103H.

**RELI 104. Introduction to the New Testament. 3 Credits.**

This course studies the New Testament from both a literary and a historical perspective, focusing on its origins in the land of Israel and moving into the eastern Mediterranean. In it students learn to wrestle with the nature of historical evidence, develop their skills for making argumentation, and learn how to analyze the philosophical and ethical claims of the ancient Christian texts, and participate in class debates on contemporary ethical issues.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**RELI 104H. Introduction to New Testament Literature. 3 Credits.**

This course introduces students to New Testament literature and to the faith of the early Christian communities, focusing on Jewish and Greco-Roman background, the development of the gospel traditions, the life and ministry of Jesus, the ministry of Paul, the post-Pauline era, and the literature of the Johannine circle.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**RELI 105. Religions of the Greco-Roman World. 3 Credits.**

An introduction to religions and the religious life of the ancient world (1000 BCE-300 CE) in various cultural settings: Greek cities, cosmopolitan Hellenistic kingdoms in Egypt and Syria, and the Roman Empire.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**RELI 106. Introduction to Early Judaism. 3 Credits.**

This course surveys Jewish history and religion during the Second Temple and Rabbinic periods, from the destruction of the First Jewish Temple (Solomon's Temple) in 586 BCE to the Muslim conquest of Palestine (640 CE).

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** JWST 106.

**RELI 107. Introduction to Modern Judaism. 3 Credits.**

The course offers a comprehensive understanding of the development of Judaism from the late Middle Ages to contemporary times.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** JWST 107.

**RELI 108. Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism. 3 Credits.**

This course will explore Jewish literary works that are considered "fundamental," "classic," "traditional" (often, all of the above), including the Hebrew Bible, the Mishnah, the Babylonian Talmud, midrashic collections, works by Maimonides, major codes of Jewish law, major kabbalistic, philosophic, poetic, and ethical works, hassidic compositions, and more.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 109. History and Culture of Ancient Israel. 3 Credits.**

An examination extending from Hebrew origins to the Babylonian exile and including political history as well as social and religious institutions.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**RELI 109H. History and Culture of Ancient Israel. 3 Credits.**

An examination extending from Hebrew origins to the Babylonian exile and including political history as well as social and religious institutions.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade.

**RELI 110. The Archaeology of Palestine in the New Testament Period. 3 Credits.**

This course surveys the archaeology of Palestine (modern Israel and Jordan) from the Persian period (ca. 586 BCE) to the Muslim conquest (640 CE).

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** CLAR 110, JWST 110.

**RELI 117. Culture of the Ancient Near East. 3 Credits.**

An overview of the history and culture of the ancient Near East, from the birth of writing through the first millennium BCE, covering the regions of Mesopotamia, Egypt, Anatolia, and Syria-Palestine.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 121. Introduction to Religion and Culture. 3 Credits.**

An introductory course that explores relations between religion and culture through the examination of social theory and the analysis of case studies. The case studies focus on such issues as visual culture, ritual, media, gender, and politics.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 121H. Introduction to Religion and Culture. 3 Credits.**

An introductory course that explores relations between religion and culture through the examination of social theory and the analysis of case studies. The case studies focus on such issues as visual culture, ritual, media, gender, and politics.

**Gen Ed:** PH, SS.

**Grading status:** Letter grade.

**RELI 122. Introduction to Philosophical Approaches to Religion. 3 Credits.**

An introduction to philosophical approaches to the study of religion, exploring such topics as religious language and experience, the problem of evil, the relation between religious belief and practice, and issues of religious diversity.

**Gen Ed:** PH.

**Grading status:** Letter grade.



**RELI 122H. Introduction to Philosophical Approaches to Religion. 3 Credits.**

An introduction to philosophical approaches to the study of religion, exploring such topics as religious language and experience, the problem of evil, the relation between religious belief and practice, and issues of religious diversity.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 123. Introduction to Jewish Studies. 3 Credits.**

An introduction to the broad scope of Jewish history, culture, and identity, from biblical times to the 21st century and from the Middle East to the New World.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** JWST 100.

**RELI 125. Heaven and Hell. 3 Credits.**

This course will explore cultural development and significance of religious notions of an afterlife. Are they coherent? What alternative notions of life after death can we imagine?

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**RELI 126. Philosophy of Western Religion. 3 Credits.**

A philosophical inquiry into the problems of religious experience and belief, as expressed in philosophic, religious, and literary documents from traditional and contemporary sources.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade

**Same as:** PHIL 134.

**RELI 126H. Philosophy of Western Religion. 3 Credits.**

A philosophical inquiry into the problems of religious experience and belief, as expressed in philosophic, religious, and literary documents from traditional and contemporary sources.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade

**Same as:** PHIL 134H.

**RELI 127. The Claims of Science and Religion. 3 Credits.**

This course explores the sometimes competing, sometimes compatible claims of science and religion, including conflicting views about creation, miracles, rituals, revelation, and human nature. Global and historical case studies will enable students to consider claims to authority (religious, philosophical, medical, and scientific), types of proof, and ethical implications.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 134. Introduction to Religious Ethics. 3 Credits.**

A study of the nature, methods, and aims of ethics as seen in exemplary persons and actions with emphasis on religious and social context and contemporary problems.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 134H. Introduction to Religious Ethics. 3 Credits.**

A study of the nature, methods, and aims of ethics as seen in exemplary persons and actions with emphasis on religious and social context and contemporary problems.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 135. Technology, the Self, and Ethical Problems. 3 Credits.**

Problems in the study of ethics in the new worlds of information technology.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 138. Religious Freedom. 3 Credits.**

This course explores the development of religious liberty and freedom of conscience in Western culture by examining both the historical emergence of these concepts and important contemporary controversies.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**RELI 140. Religion in America. 3 Credits.**

An introduction to the history, themes, and issues in American religion from the precolonial period to the present.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**RELI 140H. Religion in America. 3 Credits.**

An introduction to the history, themes, and issues in American religion from the precolonial period to the present.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade.

**RELI 141. African American Religions. 3 Credits.**

Survey of the historical development of various African American religious traditions, with emphasis on folk spirituality, gender issues, black nationalism, and the role of the church in the black community.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 141H. African American Religions. 3 Credits.**

Survey of the historical development of various African American religious traditions, with emphasis on folk spirituality, gender issues, black nationalism, and the role of the church in the black community.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 142. Catholicism in America. 3 Credits.**

An introduction to Roman Catholicism in the United States.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 143. Judaism in Our Time. 3 Credits.**

An examination of Judaism in its two major centers, demonstrating how different social and cultural environments shape very different interpretations and practices of the Jewish tradition.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** JWST 143.

**RELI 151. Religion in Latin America. 3 Credits.**

This course surveys the history of Latin American religious traditions from precontact to the present. It explores the contributions of African, indigenous, and European traditions as well as the extraordinary combinations that resulted from their interaction.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**RELI 161. Introduction to the History of Christian Traditions. 3 Credits.**

Analysis of continuities and innovations in the history of Christian traditions in the West and globally.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 161H. Introduction to the History of Christian Traditions. 3 Credits.**

Analysis of continuities and innovations in the history of Christian traditions in the West and globally.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 162. Catholicism Today: An Introduction to the Contemporary Catholic Church. 3 Credits.**

This course provides students with a first glimpse and insight into the Catholic tradition, past, present, and future: its beliefs, structure, aims, successes, and failures.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 163. Critical Issues in Western Religious Thought. 3 Credits.**

A consideration of major questions within and about religious thought.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**RELI 164. Heresy and Inquisition: Religion, Ethics, Marginalization. 3 Credits.**

During the Middle Ages and the early modern era, various inquisitions used legal inquiry and torture to determine the boundaries of heresy. This course surveys the influence of these regimes on the doctrine, practices, and morality of heretics, mystics, witches, Jews, and Muslims, in the interest of delimiting "orthodox" Catholicism.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**RELI 165. Mysticism. 3 Credits.**

Comparative study of mysticism in several religious traditions, Eastern and Western.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 165H. Mysticism. 3 Credits.**

Comparative study of mysticism in several religious traditions, Eastern and Western.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 166. Ideals, Cultures, and Rituals of the University. 3 Credits.**

Permission of the instructor. A religious studies approach to the rituals, cultures, and disciplines of the university, assessing the ways in which explanatory ideals are embedded, changed, and promoted.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 166H. Ideals, Cultures, and Rituals of the University. 3 Credits.**

Permission of the instructor. A religious studies approach to the rituals, cultures, and disciplines of the university, assessing the ways in which explanatory ideals are embedded, changed, and promoted.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 180. Introduction to Islamic Civilization. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both RELI 180/ASIA 180 and ASIA 138/HIST 138.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 180.

**RELI 181. Modern Muslim Societies. 3 Credits.**

This course surveys important developments in modern Muslim societies since the 16th century and up to the present. Topics covered include Muslim experiences with colonialism and nationalism, modernist reform movements, fundamentalism, women's activism and changes in Qur'an interpretation, Islamic law, and religious practice. Students may not receive credit for both RELI 181/ASIA 181 and ASIA 139/HIST 139.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 181.

**RELI 183. Asian Religions. 3 Credits.**

An introduction to major religions of South Asia and East Asia, such as Hinduism, Sikhism, Buddhism, Confucianism, Daoism, and Shinto.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 183.

**RELI 184. East Asian Religions: The Religions of East Asia and the Environment. 3 Credits.**

This course surveys East Asian religions and their relationship with the natural world. It provides an East Asian religious perspective on environmental thought and an environmental perspective on East Asian religions. We will explore parallels and divergences, and how each can enrich and critique the other.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**RELI 185. Women/Gender/Islam. 3 Credits.**

A survey of gender roles in Muslim societies from the advent of Islam to the present. It explores how Muslims have interpreted the Qur'an to determine discourses on gender and sexuality and emphasizes the role of religious authority as well as historical/geographical contexts for Muslim women's lives.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**RELI 185H. Women/Gender/Islam. 3 Credits.**

A survey of gender roles in Muslim societies from the advent of Islam to the present. It explores how Muslims have interpreted the Qur'an to determine discourses on gender and sexuality and emphasizes the role of religious authority as well as historical/geographical contexts for Muslim women's lives.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**RELI 196. Independent Study. 3 Credits.**

Permission of the instructor. Subject matter will vary with instructor but will always be focused on a particular problem or issue.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**RELI 201. Ancient Biblical Interpretation. 3 Credits.**

The course looks at the origins of biblical interpretation, how the Hebrew Bible was interpreted around the turn of the Common Era, the key formative period for early Christianity and rabbinic Judaism. We consider the nature of interpretation as an endeavor, as well as how the Bible came to be viewed as Scripture.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**RELI 201H. Ancient Biblical Interpretation. 3 Credits.**

The course looks at the origins of biblical interpretation, how the Hebrew Bible was interpreted around the turn of the Common Era, the key formative period for early Christianity and rabbinic Judaism. We consider the nature of interpretation as an endeavor, as well as how the Bible came to be viewed as Scripture.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**RELI 205. Sacrifice in the Ancient World. 3 Credits.**

This course examines the religious phenomenon of sacrifice with a focus on examples from the ancient Mediterranean world (including Greece, ancient Israel, and the Near East).

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 205H. Sacrifice in the Ancient World. 3 Credits.**

This course examines the religious phenomenon of sacrifice with a focus on examples from the ancient Mediterranean world (including Greece, ancient Israel, and the Near East).

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 206. Prophecy and Divination in Ancient Israel and Judah. 3 Credits.**

An examination of prophecy and divination in the Israelite-Jewish traditions and in their environments, including an analysis of the major biblical prophets.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** JWST 206.

**RELI 206H. Prophecy and Divination in Ancient Israel and Judah. 3 Credits.**

An examination of prophecy and divination in the Israelite-Jewish traditions and in their environments, including an analysis of the major biblical prophets.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** JWST 206H.

**RELI 207. Jesus in Myth, Tradition, and History 30-200 CE. 3 Credits.**

An analysis of the variety of traditions used in the first two centuries to portray Jesus, focusing on the reasons for this variety and the historical and literary problems it presents.

**Gen Ed:** PH, NA, WB.

**Grading status:** Letter grade.

**RELI 208. The Birth of Christianity. 3 Credits.**

An analysis of the origin of the Christian church and its early expansion, with particular emphasis on the problems evident in the shift from a Jewish to a Gentile framework. Paul's role in defining and resolving the issues is considered in detail and evaluated in the light of subsequent events.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**RELI 209. Varieties of Early Christianity. 3 Credits.**

A study of various forms of Christianity in the second and third centuries (e.g., Gnosticism, Marcionism, Montanism), focusing on their polemical relationship to orthodox Christianity.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**RELI 209H. Varieties of Early Christianity. 3 Credits.**

A study of various forms of Christianity in the second and third centuries (e.g., Gnosticism, Marcionism, Montanism), focusing on their polemical relationship to orthodox Christianity.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**RELI 211. Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

An introduction to the culture and history of ancient Israel through an exploration of the language of the Hebrew Bible. Students will learn the essentials for basic engagement with biblical Hebrew, then consider what this linguistic evidence reveals about the historical and cultural background of the Hebrew Bible.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** JWST 211.

**RELI 212. Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

This course explores the linguistic background of the Hebrew Bible, giving special attention to the literary aspect of biblical interpretation. Specific topics include the forms of the Hebrew verb, prose and poetic genres in the Hebrew Bible, wordplay and repetition, narration and dialogue.

**Requisites:** Prerequisite, RELI 211.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** JWST 212.

**RELI 217. Gnosticism. 3 Credits.**

A comprehensive survey of ancient Christian Gnosticism, one of the earliest and most long-lived branches of early Christianity, with principal readings drawn from the famous "Nag Hammadi Library.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 217H. Gnosticism. 3 Credits.**

A comprehensive survey of ancient Christian Gnosticism, one of the earliest and most long-lived branches of early Christianity, with principal readings drawn from the famous "Nag Hammadi Library.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 218. Christianity and Islam in the Middle Ages. 3 Credits.**

This course draws on a variety of cultural documents to explore both the conflict and cross fertilization between the Christian and Islamic cultures of the Middle Ages. Readings and discussions in English. Previously offered as GERM 218.

**Gen Ed:** HS, GL, WB.

**Grading status:** Letter grade

**Same as:** GSLL 218.

**RELI 220. Religion and Medicine. 3 Credits.**

This course will deal with various interactions of religion and health care in the past and present.

**Gen Ed:** PH, CI, GL.

**Grading status:** Letter grade.

**RELI 222. Modern Western Religious Thought. 3 Credits.**

Representative themes and approaches in the work of modern Western religious thinkers.

**Requisites:** Prerequisite, PHIL 134 or RELI 122, 126, 140, 161, or 163.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**RELI 224. Modern Jewish Thought. 3 Credits.**

This course examines how contemporary thinkers have considered philosophy, ethics, and theology from a Jewish perspective. Methodological points of inquiry include: the role of interpretation in Judaism, revelation and redemption, authority and tradition, pluralism and inclusion, suffering and evil, gender and Jewish philosophy, and 20th-century approaches to God.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** JWST 224.

**RELI 224H. Modern Jewish Thought. 3 Credits.**

This course examines how contemporary thinkers have considered philosophy, ethics, and theology from a Jewish perspective. Methodological points of inquiry include: the role of interpretation in Judaism, revelation and redemption, authority and tradition, pluralism and inclusion, suffering and evil, gender and Jewish philosophy, and 20th-century approaches to God.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** JWST 224H.

**RELI 225. Christian Cultures. 3 Credits.**

This course explores the range of cultural manifestations of Christianity in the contemporary world, focusing particularly on differences of race, ethnicity, gender, geography, and class.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**RELI 226. Human Animals in Religion and Ethics. 3 Credits.**

This course investigates the figure of the human animal in religion and philosophy. What kind of animal is the human, and what separates humans from animals? We will consider how attending to distinctions between humans and animals can highlight varying ideological and religious viewpoints.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**RELI 227. Luther and the Bible. 3 Credits.**

The Reformation was seminal for the development of the modern world. This course will investigate Reformation literature written in the period from the end of the 15th century to the end of the 17th century, and will investigate how Reformation ideas resonate through today. Readings and discussions in English.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** GERM 227.

**RELI 232. Shrines and Pilgrimages. 3 Credits.**

An introduction to the study of shrines and pilgrimage in multiple cultural contexts.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**RELI 233. Religion and Violence. 3 Credits.**

This course examines the problematic interplay between religion and violence. It engages and tests accusations that religion is inherently violent through the reading of sacred texts, historical cases, and critical theories.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**RELI 234. Historical Sociology of Christianity. 3 Credits.**

Takes an historical sociology approach to the study of Christianity. Examines the social conditions that helped give rise to the early Christian movement, follows Christianity as it influences and is influenced by social forces at key points in its historical development, and considers important contemporary developments around the globe.

**Grading status:** Letter grade

**Same as:** SOCI 140.

**RELI 235. Place, Space, and Religion. 3 Credits.**

A consideration of the attitudes toward place and space as they are expressed in religious ritual and artifact.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**RELI 236. Religious Things. 3 Credits.**

An introduction to religion and visual culture in the United States. The course focuses on painting, ritual objects, and architecture.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**RELI 239. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** GSLL 270, CMPL 270, JWST 239.

**RELI 240. Religion, Literature, and the Arts in America. 3 Credits.**

Engages literary, performing, and visual arts to explore religion in American culture.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**RELI 240H. Religion, Literature, and the Arts in America. 3 Credits.**

Engages literary, performing, and visual arts to explore religion in American culture.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**RELI 241. Messianic Movements in American History. 3 Credits.**

The course examines messianic movements in American history raising the questions, What has been the impact of such movements on the nation? What makes America particularly conducive to such movements?

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 242. New Religious Movements in America. 3 Credits.**

An introduction to new religious movements in the United States, with emphasis on the nature of conversion and the role of founders.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**RELI 243. Introduction to American Judaism. 3 Credits.**

Course provides a comprehensive introduction to American Judaism, its various movements, institutions, theological, and liturgical characteristics, as well as its standing within the larger framework of religious life in America.

**Grading status:** Letter grade

**Same as:** JWST 243.

**RELI 244. Gender and Sexuality in Western Christianity. 3 Credits.**

An examination of the development of teachings on issues of gender and sexuality through the history of Western Christianity, with particular focus on contemporary controversies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 244.

**RELI 244H. Gender and Sexuality in Western Christianity. 3 Credits.**

An examination of the development of teachings on issues of gender and sexuality through the history of Western Christianity, with particular focus on contemporary controversies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** WGST 244H.

**RELI 245. Latina/o Religions in the United States-Mexico Borderlands. 3 Credits.**

The goal of this course is to orient students in the great diversity of Latina and Latino religious formations in the United States today. Focusing on Indigenous, African, and Catholic Creole "inspirations," this course will focus students to the emergence of a distinctly U.S. Latina/o religious experience.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 245H. Latina/o Religions in the United States-Mexico Borderlands. 3 Credits.**

The goal of this course is to orient students in the great diversity of Latina and Latino religious formations in the United States today. Focusing on Indigenous, African, and Catholic Creole "inspirations," this course will focus students to the emergence of a distinctly U.S. Latina/o religious experience.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 246. Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas. 3 Credits.**

This course examines accounts of supernatural beings such as zombies and vampires and aims to understand them as popular ways of making sense of the world in the context of uneven and frequently unsettling processes of modernization, neoliberalism, and globalization.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**RELI 246H. Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas. 3 Credits.**

This course examines accounts of supernatural beings such as zombies and vampires and aims to understand them as popular ways of making sense of the world in the context of uneven and frequently unsettling processes of modernization, neoliberalism, and globalization.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**RELI 248. Introduction to American Islam. 3 Credits.**

This course surveys Muslim communities in North America in their religious, historical, political, social, and cultural dimensions. Discussion frames include methods for the study of American Muslims, the role of public and media representations of Islam and Muslims, and the place of American Muslims within the larger American religious landscape.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**RELI 248H. Introduction to American Islam. 3 Credits.**

This course surveys Muslim communities in North America in their religious, historical, political, social, and cultural dimensions. Discussion frames include methods for the study of American Muslims, the role of public and media representations of Islam and Muslims, and the place of American Muslims within the larger American religious landscape.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 266. Medieval and Renaissance Christian Cultures. 3 Credits.**

This course explores the cultural manifestations of Christianity in the medieval and Renaissance worlds, focusing particularly on interactions with other religions and on differences of gender, geography, and class.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**RELI 280. Hindu Gods and Goddesses. 3 Credits.**

This course focuses on the ways Hindu gods and goddesses are experienced in South Asia through analysis of literary works, including texts, film, comic books, performance, and ethnography. We will also examine key Hindu concepts (dharma, karma, and caste) in Hindu religious narratives.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 280.

**RELI 280H. Hindu Gods and Goddesses. 3 Credits.**

This course focuses on the ways Hindu gods and goddesses are experienced in South Asia through analysis of literary works, including texts, film, comic books, performance, and ethnography. We will also examine key Hindu concepts (dharma, karma, and caste) in Hindu religious narratives.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 280H.

**RELI 283. The Buddhist Tradition: India, Nepal, and Tibet. 3 Credits.**

Examines the diverse beliefs, practices, and cultures associated with Buddhism in the Himalayan regions of India, Nepal, and Tibet. Topics include Buddhism's development and spread, the cultural dynamics of Himalayan societies, monasticism, folk religion, revivalism, tourism, gender, globalization, and the role of the state in shaping Buddhist life and culture.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade

**Same as:** ASIA 300.

**RELI 284. The Buddhist Tradition: East Asia. 3 Credits.**

An examination of the development of Buddhism after its importation to East Asia.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 284.

**RELI 285. The Buddhist Tradition: Southeast Asia and Sri Lanka. 3 Credits.**

This course explores the Theravada school of Buddhism and themes in the social, cultural, and political lives of the Theravada Buddhist countries of Southeast Asia and Sri Lanka.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 285.



**RELI 286. Premodern Japanese Religions. 3 Credits.**

Historical survey of the major premodern religious traditions in Japan: Shinto, Buddhism, Shugendo, and Christianity.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 301.

**RELI 287. Modern Japanese Religions. 3 Credits.**

Survey of the major religious traditions in modern and contemporary Japan: Shinto, Buddhism, and the New Religions.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 302.

**RELI 288. Chinese Religions. 3 Credits.**

Historical introduction to Chinese religions: Confucianism, Daoism, Buddhism, and folk religion.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 303.

**RELI 289. Muhammad and the Qur'an. 3 Credits.**

An introduction to the life and significance of the Prophet Muhammad and the sacred scripture of Islam, the Qur'an. It offers discussion of textual sources for Muhammad's biography; his emulation and veneration in Muslim societies; and the nature, compilation, reception history, and range of interpretations of the Qur'an.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**RELI 322. Theories of Religion. 3 Credits.**

This course addresses terms such as "the sacred," "sacrifice," "the dead," "divinity," and "possession" to explore the limitations and new potentials of religious studies for describing human experience.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 322H. Theories of Religion. 3 Credits.**

This course addresses terms such as "the sacred," "sacrifice," "the dead," "divinity," and "possession" to explore the limitations and new potentials of religious studies for describing human experience.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 323. Social Theory and Cultural Diversity. 3 Credits.**

Introduction to basic thinking about cultural difference (race, gender, nationality, religion, etc.). The course encourages students to examine the ways paradigms shape how we act, think, and imagine as members of diverse cultures in the United States.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**RELI 325. Religion, Magic, and Science. 3 Credits.**

Critical exploration of the ways in which religion, magic, and science have been constructed as distinct domains of knowledge in the West since the late 19th century.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 332. The Protestant Tradition. 3 Credits.**

The course comes to provide students with historical and theological knowledge and conceptual tools that will enable them to understand the very rich and diverse Protestant tradition.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**RELI 332H. The Protestant Tradition. 3 Credits.**

The course comes to provide students with historical and theological knowledge and conceptual tools that will enable them to understand the very rich and diverse Protestant tradition.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**RELI 338. Religion in American Law. 3 Credits.**

An exploration of the position of religion in American legal and social theory, with particular focus on jurisprudence under the First Amendment.

**Gen Ed:** PH, US.

**Grading status:** Letter grade.

**RELI 340. Liberal Tradition in American Religion. 3 Credits.**

An examination of the growth of liberal theological expressions, such as rationalism, romanticism, and modernism, from the early 18th century to the present.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 342. African-American Religious Experience. 3 Credits.**

Permission of the instructor. An introduction to the diversity of African American beliefs, experiences, and expressions from the colonial era to the present. Exploration will be both historical and thematic.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade

**Same as:** ANTH 342, FOLK 342.

**RELI 343. Religion in Modern Israel. 3 Credits.**

Examines the major religious groups that operate in the state of Israel and influence its social and cultural development; analyzes the relationship among religion, state, and society in Israel.

**Grading status:** Letter grade

**Same as:** JWST 343.

**RELI 345. Black Atlantic Religions. 3 Credits.**

This course is an introduction to Black Atlantic discourses from ethnographic and religious studies perspectives. Readings will privilege African-inspired performance and aesthetic forms as these are produced in religious practice.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**RELI 345H. Black Atlantic Religions. 3 Credits.**

This course is an introduction to Black Atlantic discourses from ethnographic and religious studies perspectives. Readings will privilege African-inspired performance and aesthetic forms as these are produced in religious practice.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**RELI 352. Anthropology of Christianity. 3 Credits.**

This course introduces students to the anthropology of Christianity. Students will explore major themes of interest in the field. This course aims to familiarize students with the diversity of Christian religious experience and expression globally and to explore the mechanisms through which that diversity takes shape in various cultural contexts.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**RELI 362. Mary in the Christian Tradition. 3 Credits.**

In certain eras, Mary has been more central to Catholic devotion than Christ. This course explores doctrine, liturgy, and popular devotion centering on the Virgin in medieval European Christianity, her impact on colonial religion in the New World, and her roles in Protestantism, Eastern Orthodoxy, and Islam.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** WGST 362.

**RELI 362H. Mary in the Christian Tradition. 3 Credits.**

In certain eras, Mary has been more central to Catholic devotion than Christ. This course explores doctrine, liturgy, and popular devotion centering on the Virgin in medieval European Christianity, her impact on colonial religion in the New World, and her roles in Protestantism, Eastern Orthodoxy, and Islam.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** WGST 362H.

**RELI 365. Studies in Christian Theologies and Theologians. 3 Credits.**

An investigation of one writer or school in the history of Christian theology as an example of typical methods, positions, and problems within the tradition.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**RELI 366. Medieval Religious Texts. 3 Credits.**

In this course students will read major medieval religious texts (Christian, Jewish, and/or Muslim), that permit close study of religious life, culture, and thought during the Middle Ages (broadly defined). The works will be in English translation, but students with appropriate linguistic knowledge may read the texts in their original language.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 367. The Art of Devotion in Medieval and Early Modern Europe. 3 Credits.**

This course examines creative expression at the service of religious belief from 1000 to 1700. Poetry, drama, art, architecture, and music will be the texts to understand the religious cultures of this rich period.

**Gen Ed:** VP, WB.

**Grading status:** Letter grade.

**RELI 368. Race, Sexuality, and Disability in the History of Western Christianity. 3 Credits.**

Over time, Christian institutions and traditions have helped constitute contemporary narratives of race, sexuality, and disability in society. This course examines shifting definitions and specific case studies from the premodern era through to contemporary discourses and polemics in America.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 368H. Race, Sexuality, and Disability in the History of Western Christianity. 3 Credits.**

Over time, Christian institutions and traditions have helped constitute contemporary narratives of race, sexuality, and disability in society. This course examines shifting definitions and specific case studies from the premodern era through to contemporary discourses and polemics in America.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 371. Women Mystics. 3 Credits.**

An investigation of the forms, characteristics, and variety of the mystical experiences of women in medieval and modern Christianity, with comparative consideration of women mystics and spiritual leaders in at least two other religious traditions.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** WGST 371.

**RELI 375. Archaeology of Cult. 3 Credits.**

This course examines the archaeological context of Greek religion, cults, and associated rituals from the Bronze Age until the Hellenistic period with emphasis on urban, rural, and panhellenic sanctuaries, and methods of approaching ancient religion and analyzing cult practices.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAR 375.

**RELI 381. Religions of South Asia. 3 Credits.**

Exploration of the major religious traditions of South Asia. Focuses on the beliefs and practices associated with different traditions, and the ways that these relate to one another and to broader political, historical, and cultural formations. Also addresses questions of modernization, reform, communal violence, and other transformations of religious life.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**RELI 382. The Story of Rama in Indian Culture--Experiential. 3 Credits.**

Explores Valmiki's Ramayana (story of the Hindu god Rama), alternate versions of the story, its performance in theater, and its role in politics. Students work outside of class to stage scenes from the Ramayana, open to the public. Students may not receive credit for both ASIA 332 and ASIA 382.

**Gen Ed:** LA, BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** ASIA 382.

**RELI 383. The Mahabharata: Remembered and Reimagined--Experiential. 3 Credits.**

Introduction to the classical Mahabharata as well as modern retellings of the epic in contemporary literature, film, and theater of India. Students work outside class to stage one or more scenes from the Mahabharata, open to the public. Students may not receive credit for both ASIA 333 and ASIA 383.

**Gen Ed:** LA, BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** ASIA 383.

**RELI 384. Religion and Globalization in Southeast Asia. 3 Credits.**

How does globalization affect religious life? How do historical, cultural, and religious traditions mediate the experience of globalization in particular locales? This course analyzes the forces and practices associated with political-economic and cultural globalization in Southeast Asia and explores the religious transformations and innovations that these processes have inspired.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ASIA 384.

**RELI 385. Modern Muslims and the Qur'an. 3 Credits.**

This course introduces students to the multifaceted ways in which Muslims in the modern and contemporary periods have approached, experienced, and interpreted the Qur'an, including discussions of accessibility, hermeneutical methods, and exegetical themes.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**RELI 386. Dance and Embodied Knowledge in the Indian Context. 3 Credits.**

In this theory-practice course focusing on religion, performance, and South Asian studies we will analyze the nature of embodied knowledge, aesthetic theory, and the creative power of dance performance in the Indian context. The course also includes a practical component involving embodied experience with Indian classical dance forms.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade

**Same as:** ASIA 386, COMM 386.

**RELI 387. Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture. 3 Credits.**

This course offers an introduction to the history and practice of East Asian martial arts. We will explore the social, political, and cultural contexts of the martial arts, from the classical period to the present. Integral to this course is a practical component involving embodied experience with martial arts training.

**Gen Ed:** BN, EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** ASIA 387, COMM 387.

**RELI 390. Topics in the Study of Religion. 3 Credits.**

Permission of the instructor. Subject matter will vary with instructor but will always be focused on a particular problem or issue.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**RELI 395. Guided Undergraduate Research. 1-3 Credits.**

This course is used for guided undergraduate research under the direction of a faculty member in the Department of Religious Studies. Permission of the instructor is required.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****RELI 401. Introductory Biblical Hebrew I. 3 Credits.**

The first part of a two-semester introduction to the grammar of biblical Hebrew.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**RELI 402. Introductory Biblical Hebrew II. 3 Credits.**

The second part of a two-semester introduction to the grammar of biblical Hebrew.

**Requisites:** Prerequisite, RELI 401; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**RELI 403. Intermediate Classical Hebrew I. 3 Credits.**

A consolidation of the fundamentals of classical Hebrew grammar via readings of biblical texts of various genres (including both prose and poetry).

**Requisites:** Prerequisite, RELI 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**RELI 404. Intermediate Classical Hebrew II. 3 Credits.**

Further readings of classical Hebrew texts, focusing on biblical poetry as well as early postbiblical material (e.g., nonbiblical texts from Qumran, Mishnah/Tosefta).

**Requisites:** Prerequisite, RELI 403; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**RELI 409. Greek New Testament. 3 Credits.**

**Requisites:** Prerequisite, GREK 222; Permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** GREK 409.

**RELI 410. Aramaic/Rabbinic Hebrew. 3 Credits.**

Reading texts in rabbinic Hebrew or in biblical and/or talmudic Aramaic, with appropriate grammatical instruction.

**Requisites:** Prerequisites, RELI 403 and 404; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**RELI 411. Advanced Akkadian. 3 Credits.**

Readings in literary, epistolary, and juridical texts.

**Requisites:** Prerequisites, RELI 403 and 404.

**Grading status:** Letter grade.

**RELI 412. Ugaritic. 3 Credits.**

Readings in the alphabetic texts of Ras Shamra and a study of the elements of Ugaritic grammar.

**Requisites:** Prerequisites, RELI 403 and 404.

**Grading status:** Letter grade.

**RELI 413. Biblical Coptic and Early Egyptian Monasticism. 3 Credits.**

Coptic, the last stage of Egyptian, a living language in the Roman and Byzantine period. Thorough grounding in the grammar of the Sahidic dialect as a basis for reading biblical monastic and Gnostic texts.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 414. Syriac. 3 Credits.**

An introduction to the grammar of Classical Syriac for the purpose of reading Syriac Christian texts from late antiquity. Knowledge of another Semitic language (e.g., Hebrew, Arabic) would be an asset but is not required.

**Grading status:** Letter grade.

**RELI 420. Post-Holocaust Ethics and Theology. 3 Credits.**

This course examines the challenges posed to ethics and theology by the Holocaust. We will address philosophical and moral issues such as the problem of evil, divine omniscience, omnipotence, suffering, theodicy, representation, testimony, and an ethics of memory.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** JWST 420.

**RELI 420H. Post-Holocaust Ethics and Theology. 3 Credits.**

This course examines the challenges posed to ethics and theology by the Holocaust. We will address philosophical and moral issues such as the problem of evil, divine omniscience, omnipotence, suffering, theodicy, representation, testimony, and an ethics of memory.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** JWST 420H.

**RELI 421. Religion and Science. 3 Credits.**

This course explores the complex relation between religion and science in the modern world. Public disputes over teaching evolution in American schools serve as a central case study of this.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 423. Ethnicity, Race, and Religion in America. 3 Credits.**

A theoretical inquiry into ethnicity, race, and religion as constituents of personal and communal identity. Emphasis on global migrations, colonial and postcolonial relations, diasporic communities, and issues of religious pluralism.

**Requisites:** Prerequisite, RELI 140; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 424. Gender Theory and the Study of Religion. 3 Credits.**

An examination of contemporary gender theory, with particular focus on its application to the study of religion.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** WGST 424.

**RELI 425. Psychology of Religion. 3 Credits.**

A critical exploration of the concept of religious experience as defined by such authors as William James and Sigmund Freud.

**Grading status:** Letter grade.

**RELI 425H. Psychology of Religion. 3 Credits.**

A critical exploration of the concept of religious experience as defined by such authors as William James and Sigmund Freud.

**Grading status:** Letter grade.

**RELI 426. The Sacrifice of Abraham. 3 Credits.**

This course examines philosophical interpretations of the attempted sacrifice by Abraham of his beloved son, offering a comparative approach. The incident in Genesis is remarkably succinct for its controversial subject matter. We will compare this event with representations in Greek drama, the New Testament, and the Qur'an.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**RELI 426H. The Sacrifice of Abraham. 3 Credits.**

This course examines philosophical interpretations of the attempted sacrifice by Abraham of his beloved son, offering a comparative approach. The incident in Genesis is remarkably succinct for its controversial subject matter. We will compare this event with representations in Greek drama, the New Testament, and the Qur'an.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade.

**RELI 427. Spirit Possession. 3 Credits.**

This course explores the phenomenon of spirit possession and introduces students to various theoretical and methodological approaches to its academic study. In addition to critically engaging with accounts of spirit possession from around the world, students will explore various related themes of gender, power, and religious and cultural change.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**RELI 428. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon in the works of classical and contemporary social thought.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 428, FOLK 428.

**RELI 428H. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon, in the works of classical and contemporary social thought.

**Gen Ed:** SS, SS.

**Grading status:** Letter grade

**Same as:** ANTH 428H, FOLK 428H.

**RELI 429. Religion and Society. 3 Credits.**

Sociological analysis of group beliefs and practices, both traditionally religious and secular, through which fundamental life experiences are given coherence and meaning.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** SOCI 429.

**RELI 438. Religion, Nature, and Environment. 3 Credits.**

A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 438H. Religion, Nature, and Environment. 3 Credits.**

A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**RELI 441. Religion in Early America. 3 Credits.**

This course examines religion in America from precontact to the Civil War. We will chart the development of religious life, thought, and practice in North America, concentrating on areas later incorporated into the United States, but maintaining broad interest in other Americas.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 441H. Religion in Early America. 3 Credits.**

This course examines religion in America from precontact to the Civil War. We will chart the development of religious life, thought, and practice in North America, concentrating on areas later incorporated into the United States, but maintaining broad interest in other Americas.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 442. History of Religion in America since 1865. 3 Credits.**

An examination of primary sources in the history of American religion since the Civil War.

**Grading status:** Letter grade.

**RELI 443. Evangelicalism in Contemporary America. 3 Credits.**

Juniors or seniors only. Examination of evangelicalism and its role in American society, politics, and culture. Exploration of its various subdivisions and its relation to such movements as fundamentalism, pentecostalism, revivalism, and premillennialism.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**RELI 443H. Evangelicalism in Contemporary America. 3 Credits.**

Juniors or seniors only. Examination of evangelicalism and its role in American society, politics, and culture. Exploration of its various subdivisions and its relation to such movements as fundamentalism, pentecostalism, revivalism, and premillennialism.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**RELI 444. Gender and Sexuality in Contemporary Judaism. 3 Credits.**

The seminar examines the developments in gender roles and in sexuality in contemporary Judaism.

**Gen Ed:** CI, NA.

**Grading status:** Letter grade

**Same as:** JWST 444, WGST 448.

**RELI 445. Asian Religions in America. 3 Credits.**

A study of intercultural interaction and interreligious encounter focusing on Asian religions in America, 1784 to the present.

**Gen Ed:** GL, US.

**Grading status:** Letter grade

**Same as:** ASIA 445.

**RELI 446. Christian-Jewish Relations throughout the Ages. 3 Credits.**

An exploration of the varied and complex relationships which have developed between Christianity and Judaism, from the first century to the 21st century.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**RELI 448. Native and Christian: Indigenous Engagements with Christianity. 3 Credits.**

This course examines diverse indigenous engagements with Christianity from earliest contacts to the present. Topics range from missionary contestations in colonial Mexico to the fight for religious freedom in 20th-century United States, from historical revitalization movements like the Ghost Dance to contemporary indigenous theologies in North and South America.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 450. Sexuality in Jewish Tradition and History. 3 Credits.**

This course deals with various topics related to sexuality and marriage in Jewish tradition and history: sex outside of marriage, wedding ceremonies, regulations of marital sex, menstruation, homosexuality, and more.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade

**Same as:** WGST 450.

**RELI 454. The Reformation. 3 Credits.**

Examines a movement of religious reform that shattered Latin Christendom and contributed many of the conditions of early modern Europe. Emphases: religious, political, social.

**Grading status:** Letter grade

**Same as:** HIST 454.

**RELI 465. Monotheistic Mysticism. 3 Credits.**

In medieval Jewish Kabbalah, Christian mysticism, and Islamic Sufism, devotees attempt to express direct experiences of an infinite God. This course examines theories of mystical language, particularly the negation of language, the turn to the visual and the body, and the tension between communal and individual expressions of the divine.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 474. Buddhist Meditation, Mindfulness, and Modernity. 3 Credits.**

This course introduces students to a variety of ancient and modern approaches to Buddhist meditation, to their philosophical underpinnings, and to the various claims and purposes associated with mindfulness practices in the past and today. Students will be expected to practice the different types of meditation discussed.

**Gen Ed:** PH, EE- Field Work.

**Grading status:** Letter grade.

**RELI 480. Modern Muslim Literatures. 3 Credits.**

Stresses the diversity of modern Islamic experience by examining the works of various Muslim authors. Genres may include travelogues, memoirs, novels, sermons, and treatises, among others.

**Gen Ed:** LA, BN, GL.

**Grading status:** Letter grade.

**RELI 481. Religion, Fundamentalism, and Nationalism. 3 Credits.**

An exploration of explosive combinations of religion and politics in the Iranian revolution, the Palestinian movement, Hindu nationalism in India, and Christian fundamentalism in America.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade

**Same as:** PWAD 481.

**RELI 482. Sex, Gender, and Religion in South Asia. 3 Credits.**

This seminar draws on feminist and philosophical theory, including the works of Plato, Butler, and Foucault, as well as postcolonial theory, to explore the categories of sex and gender in South Asian religions. We also analyze the moral cultivation of the self in relation to gender identity in South Asia.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade

**Same as:** ASIA 482, WGST 482.

**RELI 485. Gender and Sexuality in Islam. 3 Credits.**

This course approaches constructions of gender and sexuality in Muslim societies in diverse historical and geographical contexts. It focuses on changing interpretations of gender roles and sexual norms. Themes include gender in Islamic law, sexual ethics, masculinity, homosexuality, marriage, and dress.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**RELI 487. Mountains, Pilgrimage, and Sacred Places in Japan. 3 Credits.**

This course explores the role that mountains and pilgrimage have played in Japanese cosmology and how they relate to methodology of studying place and space.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 487.



**RELI 488. Shinto in Japanese History. 3 Credits.**

This course discusses the development of Shinto in Japanese history and covers themes such as myths, syncretism, sacred sites, iconography, nativism, religion and the state, and historiography.

**Gen Ed:** BN, CI, WB.

**Grading status:** Letter grade

**Same as:** ASIA 488.

**RELI 489. Animals in Japanese Religion. 3 Credits.**

Permission of the instructor. This course examines the cultural construction of animals in Japanese myth, folklore, and religion.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 489.

**RELI 501. The History of the Bible in Modern Study. 3 Credits.**

This course will examine how the modern historical-critical enterprise of biblical scholarship arose, out of what historical circumstances, for what purposes, and to what effect. What are its major aspects? How does it relate to other forms of academic and theological inquiry? How has this enterprise fared in recent times?

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 502. Myths and Epics of the Ancient Near East. 3 Credits.**

An examination of Babylonian, Canaanite, Egyptian, Hittite, and Sumerian texts from the prebiblical era, focusing on representative myths, epics, sagas, songs, proverbs, prophecies, and hymns.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade

**Same as:** FOLK 502.

**RELI 502H. Myths and Epics of the Ancient Near East. 3 Credits.**

An examination of Babylonian, Canaanite, Egyptian, Hittite, and Sumerian texts from the prebiblical era, focusing on representative myths, epics, sagas, songs, proverbs, prophecies, and hymns.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade

**Same as:** FOLK 502H.

**RELI 503. Exploring the Dead Sea Scrolls. 3 Credits.**

A comprehensive introduction to the Dead Sea Scrolls and the different Jewish groups connected with them.

**Grading status:** Letter grade

**Same as:** JWST 503.

**RELI 504. Readings in Hebrew Bible. 3 Credits.**

This course will examine a major corpus of the Hebrew Bible with attention to the full range of historical-critical issues. Attention will be paid as well to early forms of biblical interpretation and their use in the religious life of subsequent communities.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade.

**RELI 512. Ancient Synagogues. 3 Credits.**

This is a course on ancient synagogues in Palestine and the Diaspora from the Second Temple period to the seventh century CE.

**Requisites:** Prerequisite, RELI 110; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** CLAR 512, JWST 512.

**RELI 522. 19th-Century Critiques of Religion. 3 Credits.**

Permission of the instructor. An exploration of influential 19th-century critiques of religion, including texts by such thinkers as Feuerbach, Marx, Kierkegaard, Nietzsche, Stanton, Douglass, and Freud.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**RELI 524. Ethnographic Approaches to Contemporary Religion. 3 Credits.**

Critical exploration of exemplary contemporary ethnographies of religion focusing on the ways that ethnographic methods and writing styles shape knowledge of religious and cultural life in various traditions and parts of the world. Topics considered include field work, culture, ethics, and the challenges of interpreting and representing religious experience.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

**RELI 525. Seminar in Religion and Literature. 3 Credits.**

Seminar topic varies.

**Grading status:** Letter grade.

**RELI 526. Dimensions of Evil. 3 Credits.**

This course explores the meaning of evil. By investigating the moral dimensions of evil, its social uses, its figuration in cross-cultural religious texts, theology, folklore, and political imaginaries, this course develops a critical framework for understanding the diverse manifestations and varied cultural renderings of evil in the modern world.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade.

**RELI 527. Religious Metaphor and Symbol. 3 Credits.**

This course explores the myriad and complex issues related to the function of metaphor and symbol in religious language.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

**RELI 528. Rituals and Rhetorics of Religion. 3 Credits.**

An examination of ritual, allegory, and symbol as modes of religious expression in cultic and literary contexts.

**Grading status:** Letter grade.

**RELI 530. Genealogies of Religion. 3 Credits.**

This seminar explores the historical development of "religion" as a concept and object of academic scholarship through the critical study of key texts and foundational debates about religion in Western thought.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**RELI 540. Mormonism and the American Experience. 3 Credits.**

Exploration of the history, beliefs, and practices of Mormons. Will include visits to Latter-Day Saints services, guest speakers, and discussion of race and gender in the contemporary church.

**Requisites:** Prerequisite, RELI 140; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**RELI 541. Evangelicalism from a Global Perspective. 3 Credits.**

The course will examine the evangelical tradition from a global perspective, exploring the tradition from its early rise in Europe to its impact on the Americas, Africa, and Asia.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**RELI 541H. Evangelicalism from a Global Perspective. 3 Credits.**

The course will examine the evangelical tradition from a global perspective, exploring the tradition from its early rise in Europe to its impact on the Americas, Africa, and Asia.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**RELI 542. Religion and the Counterculture. 3 Credits.**

The course examines the interaction between the values and messages of the counterculture and religious groups, ideas, and practices during the Vietnam War era. It also investigates the impact of countercultural norms and styles on the current American religious scene.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 542H. Religion and the Counterculture. 3 Credits.**

The course examines the interaction between the values and messages of the counterculture and religious groups, ideas, and practices during the Vietnam War era. It also investigates the impact of countercultural norms and styles on the current American religious scene.

**Gen Ed:** US.

**Grading status:** Letter grade.

**RELI 565. Medieval Jews and the Bible. 3 Credits.**

This course explores the Jewish interpretation of the Bible, focusing on important commentaries from influential medieval Ashkenazi and Sephardic thinkers.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade.

**RELI 566. Islamic and Jewish Legal Literature. 3 Credits.**

This course explores many aspects of the Halakhah, the Jewish traditional legal system, focusing on issues such as rituals, holidays, religious obligations and prohibitions, and laws regulating sexual activity.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**RELI 569. Interfaith Marriages and Intimacy in World Religions. 3 Credits.**

This seminar explores the topic of intimate relations between people who consider themselves, or are considered by others, to be part of different religious groups. We will explore cases in which such relations achieve the social sanction of marriage and cases in which the relations are of a more temporary nature.

**Grading status:** Letter grade.

**RELI 574. Chinese World Views. 3 Credits.**

Explores the indigenous Chinese sciences and the cosmological ideas that informed them. Topics include astronomy, divination, medicine, fengshui, and political and literary theory. Chinese sources in translation are emphasized.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** ANTH 574, ASIA 574.

**RELI 580. African American Islam. 3 Credits.**

An historical examination of African American Islam in the United States. Explores the intellectual, cultural, social, and political roots of black Islam in addition to its diverse doctrinal, ritual, and institutional manifestations.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade.

**RELI 581. Sufism. 3 Credits.**

Permission of the instructor. A survey of Islamic mysticism, its sources in the Qur'an and the Prophet Muhammad, and its literary, cultural, and social deployment in Arab, Persian, Indic, and Turkish regions.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 581.

**RELI 582. Islam and Islamic Art in South Asia. 3 Credits.**

A survey of the formation of Islamic traditions in the subcontinent from the eighth century to the present, with emphasis on religion and politics, the role of Sufism, types of popular religion, and questions of Islamic identity.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 582.

**RELI 583. Religion and Culture in Iran, 1500-Present. 3 Credits.**

Iran from the rise of the Safavid empire to the Islamic Republic.

Topics include Shi'ism, politics, intellectual and sectarian movements, encounters with colonialism, art and architecture, music, literature.

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** ASIA 583.

**RELI 584. The Qur'an as Literature. 3 Credits.**

A nontheological approach to the Qur'an as a literary text, emphasizing its history, form, style, and interpretation.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 584.

**RELI 585. Religion and Culture of Turkey. 3 Credits.**

This course will cover the history of Turkey from the Byzantine period until contemporary times. Key aspects of Turkish culture (architecture, music, poetry to arts) will be covered.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**RELI 586. Women and Gender in Japanese Religions. 3 Credits.**

This seminar explores the roles of women in the religions of Japan (including Buddhism, Shinto, folk religions, pilgrimage, new religions movements, and new spirituality culture) from goddesses, shamans, nuns, and pilgrims to demons, temptresses, and lesser human beings. The course traces these themes across Japanese socioeconomic and religious history.

**Gen Ed:** SS, BN, CI.

**Grading status:** Letter grade.

**RELI 590. Topics in the Study of Religion. 3 Credits.**

Permission of the instructor. Subject matter will vary with instructor but will always be focused on a particular problem or issue.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**RELI 592. Religious Conflict and Literature in India. 3 Credits.**

Historical causes of violence between Hindus and Muslims in modern India. Short stories, poetry, and novels in translation are used to explore how conflicts over religious sites, religious conversion, image worship, and language contributed to a sense of conflicting religious identity.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** HNUR 592.

**RELI 602. What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon. 3 Credits.**

The course traces the past and continued canonical processes that define what the Hebrew Bible/Old Testament has been and is today, with a focus on the history of biblical interpretation.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade

**Same as:** JWST 602.

**RELI 603. The Bible and Its Translation. 3 Credits.**

This course explores the translation of the Hebrew Bible in the West, with a view toward identifying religious and ideological trends.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**RELI 607. Problems in Early Christian Literature and History. 3 Credits.**

**Requisites:** Prerequisite, RELI 104, 207, 208, 209, 217 or 413; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**RELI 607H. Problems in Early Christian Literature and History. 3 Credits.**

**Requisites:** Prerequisite, RELI 104, 207, 208, 209, 217 or 413; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade.

**RELI 608. The Messiah and the Apocalypse. 3 Credits.**

Ideas concerning the Messiah and the end of the world held by Jews, Christians, and Muslims. Emphasis on the beginning of the Christian era.

**Grading status:** Letter grade.

**RELI 609. Christianity and Greco-Roman Culture. 3 Credits.**

The seminar surveys the development of Christianity in the Roman empire and examines a variety of attitudes adopted by early Christians toward Greco-Roman philosophy, religion, education, and literature.

**Requisites:** Prerequisite, RELI 104, 209, or 217; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**RELI 610. Readings in the Apostolic Fathers. 3 Credits.**

Reading of the Apostolic Fathers. Students must have completed two courses in New Testament/Early Christianity and two years of Greek.

**Grading status:** Letter grade.

**RELI 617. Death and Afterlife in the Ancient World. 3 Credits.**

Examinations of practices and discourses pertaining to death and the afterlife in the ancient civilizations of Near East, Greece, and Rome.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**RELI 662. Advanced Seminar in Contemporary Catholicism. 3 Credits.**

This advanced seminar is for undergraduate and graduate students who have at least a basic knowledge about Catholicism. The range of topics to be discussed is open and will depend on students' interests and suggestions.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**RELI 665. Body and Suffering in Christian Mysticism. 3 Credits.**

Permission of the instructor for nonmajors. Medieval Christians consistently focused on the suffering body as a means of reflecting on Christ's sacrifice. This course considers how medical theories of cognition, gender, and pain influenced the potential role of the body in medieval mystical experience.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade

**Same as:** WGST 664.

**RELI 668. Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire. 3 Credits.**

Permission of the instructor for nonmajors. This course on the "Atlantic World" studies Muslims, Christians, and Jews in the medieval Iberian kingdoms, then the religious "other" in the colonial expansion to Mexico, Peru, and the Philippines, by deploying theories concerning race, gender, sexuality, and postcoloniality.

**Gen Ed:** GL, WB.

**Grading status:** Letter grade.

**RELI 681. Readings in Islamicate Literatures. 3 Credits.**

Permission of the instructor. Study of selected religious, literary, and historical texts in Arabic, Persian, or Urdu.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** ARAB 681, ASIA 681.

**RELI 688. Observation and Interpretation of Religious Action. 3 Credits.**

Permission of the instructor. Exercises (including field work) in learning to read the primary modes of public action in religious traditions, e.g., sermons, testimonies, rituals, and prayers.

**Gen Ed:** SS, EE- Mentored Research.

**Grading status:** Letter grade

**Same as:** ANTH 688, FOLK 688.

**RELI 691H. Honors in Religious Studies. 3 Credits.**

Permission of the director of undergraduate studies. Required of all students reading for honors in religious studies.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**RELI 692H. Honors in Religious Studies. 3 Credits.**

Permission of the director of undergraduate studies. Required of all students reading for honors in religious studies.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**RELI 696. Independent Study. 3 Credits.**

Advanced undergraduate or graduate standing and permission of the instructor. Subject matter should be arranged with a specific instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**RELI 697. Capstone: Undergraduate Seminar. 3 Credits.**

Majors only. Concentrating on a different theme each year, this departmental seminar introduces the different areas and approaches in religious studies.

**Gen Ed:** CI.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

## JWST–Jewish Studies

### Undergraduate-level Courses

#### **JWST 53. First-Year Seminar: Israeli Popular Culture: The Case of Music. 3 Credits.**

An introduction to Israeli popular culture, with a transnational and interdisciplinary frame. Focusing on Israeli music, exploring its different genres and the cultural richness developed since Zionism, reaching along the way a broad understanding of Israeli society. Students may not receive credit for both ASIA 53 and ASIA 106.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 53.

#### **JWST 56. First-Year Seminar: Germans, Jews, and the History of Anti-Semitism. 3 Credits.**

This course seeks to explore the historically difficult position of minorities in the modern world, using the situation of Jews in Germany from the 18th century to the Holocaust as a case study. Previously offered as GERM 56.

**Gen Ed:** HS, CI, NA.

**Grading status:** Letter grade

**Same as:** GSLL 56.

#### **JWST 60. First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities. 3 Credits.**

The course explores selected themes and case studies pertinent to culture and society in modern Israel, with emphasis on debates about "Israeliness" in various cultural and social arenas.

**Gen Ed:** BN.

**Grading status:** Letter grade

**Same as:** ASIA 60.

#### **JWST 100. Introduction to Jewish Studies. 3 Credits.**

An introduction to the broad scope of Jewish history, culture, and identity, from biblical times to the 21st century and from the Middle East to the New World.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** RELI 123.

#### **JWST 101. Elementary Modern Hebrew I. 3 Credits.**

Introduces the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** HEBR 101.

#### **JWST 102. Elementary Modern Hebrew II. 3 Credits.**

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

**Requisites:** Prerequisite, HEBR 101.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** HEBR 102.

#### **JWST 103. Introduction to the Hebrew Bible/Old Testament Literature. 3 Credits.**

This course introduces students to the various books of the Hebrew Bible and to the history and culture of ancient Israel, focusing on the formation of national identity, ancient conceptualizations of divinity, ritual practice, and modes of social regulation, all of which are set against the background of the ancient Near East.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 103.

#### **JWST 103H. Introduction to the Hebrew Bible/Old Testament Literature. 3 Credits.**

This course introduces students to the various books of the Hebrew Bible and to the history and culture of ancient Israel, focusing on the formation of national identity, ancient conceptualizations of divinity, ritual practice, and modes of social regulation, all of which are set against the background of the ancient Near East.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 103H.

#### **JWST 106. Introduction to Early Judaism. 3 Credits.**

This course surveys Jewish history and religion during the Second Temple and Rabbinic periods, from the destruction of the First Jewish Temple (Solomon's Temple) in 586 BCE to the Muslim conquest of Palestine (640 CE).

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 106.

#### **JWST 107. Introduction to Modern Judaism. 3 Credits.**

The course offers a comprehensive understanding of the development of Judaism from the late Middle Ages to contemporary times.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** RELI 107.

#### **JWST 110. The Archaeology of Palestine in the New Testament Period. 3 Credits.**

This course surveys the archaeology of Palestine (modern Israel and Jordan) from the Persian period (ca. 586 BCE) to the Muslim conquest (640 CE).

**Gen Ed:** HS, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 110, CLAR 110.

#### **JWST 143. Judaism in Our Time. 3 Credits.**

An examination of Judaism in its two major centers, demonstrating how different social and cultural environments shape very different interpretations and practices of the Jewish tradition.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** RELI 143.

#### **JWST 153. From the Bible to Broadway: Jewish History to Modern Times. 3 Credits.**

This class surveys the history of the Jews from ancient to modern times. It focuses on the development of Jewish religion, culture identity, and politics in Jewish communities in the Western, Atlantic and Middle Eastern Worlds. It also explores the development of antisemitism and anti-Jewish violence.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 153.

**JWST 203. Intermediate Modern Hebrew I. 3 Credits.**

Second-year instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

**Requisites:** Prerequisite, HEBR 102.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** HEBR 203.

**JWST 204. Intermediate Modern Hebrew II. 3 Credits.**

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

**Requisites:** Prerequisite, HEBR 203.

**Gen Ed:** FL.

**Grading status:** Letter grade

**Same as:** HEBR 204.

**JWST 206. Prophecy and Divination in Ancient Israel and Judah. 3 Credits.**

An examination of prophecy and divination in the Israelite-Jewish traditions and in their environments, including an analysis of the major biblical prophets.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 206.

**JWST 206H. Prophecy and Divination in Ancient Israel and Judah. 3 Credits.**

An examination of prophecy and divination in the Israelite-Jewish traditions and in their environments, including an analysis of the major biblical prophets.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 206H.

**JWST 211. Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

An introduction to the culture and history of ancient Israel through an exploration of the language of the Hebrew Bible. Students will learn the essentials for basic engagement with biblical Hebrew, then consider what this linguistic evidence reveals about the historical and cultural background of the Hebrew Bible.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 211.

**JWST 212. Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

This course explores the linguistic background of the Hebrew Bible, giving special attention to the literary aspect of biblical interpretation. Specific topics include the forms of the Hebrew verb, prose and poetic genres in the Hebrew Bible, wordplay and repetition, narration and dialogue.

**Requisites:** Prerequisite, RELI 211.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RELI 212.

**JWST 224. Modern Jewish Thought. 3 Credits.**

This course examines how contemporary thinkers have considered philosophy, ethics, and theology from a Jewish perspective. Methodological points of inquiry include: the role of interpretation in Judaism, revelation and redemption, authority and tradition, pluralism and inclusion, suffering and evil, gender and Jewish philosophy, and 20th-century approaches to God.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** RELI 224.

**JWST 224H. Modern Jewish Thought. 3 Credits.**

This course examines how contemporary thinkers have considered philosophy, ethics, and theology from a Jewish perspective. Methodological points of inquiry include: the role of interpretation in Judaism, revelation and redemption, authority and tradition, pluralism and inclusion, suffering and evil, gender and Jewish philosophy, and 20th-century approaches to God.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** RELI 224H.

**JWST 225. Popular and Pious: Early Modern Jewish Literature. 3 Credits.**

This seminar covers popular and pious literature written by and for Jews in the 15th to 18th century in German-speaking countries. Originally written in Old Yiddish, this literature preserved the popular European genres and nonfiction accounts of Jewish community and family life. Previously offered as GERM 225.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** GSLL 225.

**JWST 235. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 235, PWAD 235.

**JWST 235H. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity.

**Gen Ed:** VP, BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 235H, PWAD 235H.

**JWST 239. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Gen Ed:** HS, GL, NA.

**Grading status:** Letter grade

**Same as:** GSLL 270, CMPL 270, RELI 239.

**JWST 243. Introduction to American Judaism. 3 Credits.**

Course provides a comprehensive introduction to American Judaism, its various movements, institutions, theological, and liturgical characteristics, as well as its standing within the larger framework of religious life in America.

**Grading status:** Letter grade

**Same as:** RELI 243.



**JWST 253. A Social History of Jewish Women in America. 3 Credits.**

Course examines the history and culture of Jewish women in America from their arrival in New Amsterdam in 1654 to the present and explores how gender shaped this journey.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** AMST 253, WGST 253.

**JWST 262. History of the Holocaust: The Destruction of the European Jews. 3 Credits.**

Anti-Semitism; the Jews of Europe; the Hitler dictatorship; evolution of Nazi Jewish policy from persecution to the Final Solution; Jewish response; collaborators, bystanders, and rescuers; aftermath.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 262, PWAD 262.

**JWST 269. Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks. 3 Credits.**

This course examines the roles and representations of Jews in the world of the theater from Shakespeare's *The Merchant of Venice* to the present, considering dramas, operas, musicals, film adaptations, and films. Readings and discussions in English.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** GSSL 269, CMPL 269.

**JWST 289. Jewish American Literature and Culture of the 20th Century. 3 Credits.**

Through readings in a wide range of genres, this course will examine major factors and influences shaping Jewish American literature and culture in the 20th century.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 289.

**JWST 305. Advanced Modern Hebrew I. 3 Credits.**

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media.

**Requisites:** Prerequisite, HEBR 204.

**Grading status:** Letter grade

**Same as:** HEBR 305.

**JWST 306. Advanced Modern Hebrew II. 3 Credits.**

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media.

**Requisites:** Prerequisite, HEBR 305.

**Grading status:** Letter grade

**Same as:** HEBR 306.

**JWST 308. The Renaissance and the Jews. 3 Credits.**

The Renaissance (1300-1600) is known as a time of great artistic, scientific, and political renewal. But did Jews, the only religious minority in Europe, get an opportunity to benefit from and participate in that progress? This class studies the history of the Jews at a time of great cultural change.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 308.

**JWST 311. Ghettos and Shtetls? Urban Life in East European Jewish History. 3 Credits.**

The migration of Jewish populations from small towns to large cities in Eastern Europe altered notions of Jewish community, space, cultures, and identities. This course will explore the roles of ghetto and shtetl in both history and memory of the Jewish past, drawing on memoirs, literature, film, and photography.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 311.

**JWST 330. Jesus and the Jews: From the Bible to the Big Screen. 3 Credits.**

This class will study the history of the claim that the Jews are responsible for Christ's death. Students will examine the power of this idea to travel through time and space and discuss how it is portrayed differently and with different purposes throughout history.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 330.

**JWST 330H. Jesus and the Jews: From the Bible to the Big Screen. 3 Credits.**

This class will study the history of the claim that the Jews are responsible for Christ's death. Students will examine the power of this idea to travel through time and space and discuss how it is portrayed differently and with different purposes throughout history.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 330H.

**JWST 343. Religion in Modern Israel. 3 Credits.**

Examines the major religious groups that operate in the state of Israel and influence its social and cultural development; analyzes the relationship among religion, state, and society in Israel.

**Grading status:** Letter grade

**Same as:** RELI 343.

**JWST 357. The Arab-Jews: Culture, Community, and Coexistence. 3 Credits.**

This course is designed to examine Jewish life in Arab lands in the last century by examining culture, language, and the communal life that the Arab-Jews shared with their neighbors.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 357, PWAD 362.

**JWST 360. The Jewish Writer in American Life. 3 Credits.**

This course will investigate, through literature, film, and song, the encounter of Eastern European Jews and their descendants with Anglo-Protestant America over four generations.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### **JWST 412. From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture. 3 Credits.**

An overview of the literary and cultural movements in 20th and 21st century Poland as they relate to major historical changes of the century (World War I and World War II, Communism, Post-communism, accession to the European Union). All readings and discussions in English; readings available in Polish for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** PLSH 412.

### **JWST 420. Post-Holocaust Ethics and Theology. 3 Credits.**

This course examines the challenges posed to ethics and theology by the Holocaust. We will address philosophical and moral issues such as the problem of evil, divine omniscience, omnipotence, suffering, theodicy, representation, testimony, and an ethics of memory.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** RELI 420.

### **JWST 420H. Post-Holocaust Ethics and Theology. 3 Credits.**

This course examines the challenges posed to ethics and theology by the Holocaust. We will address philosophical and moral issues such as the problem of evil, divine omniscience, omnipotence, suffering, theodicy, representation, testimony, and an ethics of memory.

**Gen Ed:** PH, GL.

**Grading status:** Letter grade

**Same as:** RELI 420H.

### **JWST 425. Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music. 3 Credits.**

Focuses on the various collaborations, exchanges, and mutual enrichment between Israelis and Palestinians in the realm of culture, particularly literature and cinema. These connections include language (Israeli Jewish authors writing in Arabic and Palestinian writers who choose Hebrew as their language of expression), collaborating in filmmaking, and joint educational initiatives.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 425, PWAD 425.

### **JWST 436. Language, Exile, and Homeland in Zionist Thought and Practice. 3 Credits.**

Employing Zionist and post- and anti-Zionist documents, treatises, and mostly literary and cinematic texts, this class will focus on the relations between language, Jewish-Israeli identity, and the notion of homeland. Previously offered as HEBR 436.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade

**Same as:** ASIA 436.

### **JWST 444. Gender and Sexuality in Contemporary Judaism. 3 Credits.**

The seminar examines the developments in gender roles and in sexuality in contemporary Judaism.

**Gen Ed:** CI, NA.

**Grading status:** Letter grade

**Same as:** RELI 444, WGST 448.

### **JWST 451. 1492: The Expulsion of the Jews from Spain. 3 Credits.**

The largest and most prosperous Jewry of Europe lived in medieval Spain. The 1492 expulsion, driven by the Inquisition and Catholic monarchy, not only ended Spanish Jewish life but also forced a traumatic redefinition of Jewish identity. This course focuses on the causes and consequences of the expulsion of 1492.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** HIST 451.

### **JWST 464. Imagined Jews: Jewish Themes in Polish and Russian Literature. 3 Credits.**

Explores the fictional representation of Jewish life in Russia and Poland by Russian, Polish, and Jewish authors from the 19th century to the present. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** SLAV 464.

### **JWST 465. Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe. 3 Credits.**

Historical contexts and connections through artistic representation of the Holocaust and Soviet terror in Eastern Europe and the USSR. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, BN, GL.

**Grading status:** Letter grade

**Same as:** GSLL 465, PWAD 465.

### **JWST 469. Coming to America: The Slavic Immigrant Experience in Literature. 3 Credits.**

Fictional and autobiographical expressions of the Slavic and East European immigrant experience in the 20th century. Readings include Russian, Polish, Jewish, and Czech authors from early 1900s to present. Taught in English; some foreign language readings for qualified students.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade

**Same as:** SLAV 469.

### **JWST 476. Borderlands: Religion and Ethnicity in Modern East Central Europe. 3 Credits.**

The history of modern Eastern, East Central, and southeastern Europe has been shaped by the ethnic and religious diversity of the regions. This course examines experiences in the Russian, Habsburg, and Ottoman Empires and their successor states from the 19th century to the present day.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 476.

### **JWST 481. The Changing Lives of Jewish Objects. 3 Credits.**

What makes an object "Jewish"? This seminar examines how we think about, animate, repurpose, and display "Jewish" objects in contemporary life – the public realm, cultural institutions, religious spaces, and the home. We consider how makers and users negotiate objects' various meanings within the domains of prayer, performance, entertainment, and exhibition.

**Gen Ed:** VP, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** FOLK 481.

**JWST 485. From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History. 3 Credits.**

Eastern Europe was one of the largest centers of Jewish civilization from premodern times to the Second World War, giving rise to important religious, cultural, and political developments in Jewish modernity. This course examines main developments of Jewish society from the late 18th century until the aftermath of the Holocaust.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 485.

**JWST 486. Shalom Y'all: The Jewish Experience in the American South. 3 Credits.**

This course explores ethnicity in the South and focuses on the history and culture of Jewish Southerners from their arrival in the Carolinas in the 17th century to the present day.

**Gen Ed:** HS, CI, US.

**Grading status:** Letter grade

**Same as:** AMST 486.

**JWST 503. Exploring the Dead Sea Scrolls. 3 Credits.**

A comprehensive introduction to the Dead Sea Scrolls and the different Jewish groups connected with them.

**Grading status:** Letter grade

**Same as:** RELI 503.

**JWST 505. Traditions in Transition: Jewish Folklore and Ethnography. 3 Credits.**

This seminar examines Jewish stories, humor, ritual, custom, belief, architecture, dress, and food as forms of creative expression that have complex relationships to Jewish experience, representation, identity, memory, and tradition. What makes these forms of folklore Jewish, how do source communities interpret them, and how do ethnographers document them?

**Gen Ed:** VP, EE- Field Work, US.

**Grading status:** Letter grade

**Same as:** FOLK 505.

**JWST 512. Ancient Synagogues. 3 Credits.**

This is a course on ancient synagogues in Palestine and the Diaspora from the Second Temple period to the seventh century CE.

**Requisites:** Prerequisite, RELI 110; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, BN, WB.

**Grading status:** Letter grade

**Same as:** RELI 512, CLAR 512.

**JWST 602. What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon. 3 Credits.**

The course traces the past and continued canonical processes that define what the Hebrew Bible/Old Testament has been and is today, with a focus on the history of biblical interpretation.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade

**Same as:** RELI 602.

**JWST 697. Capstone Course: Themes and Methodologies in Jewish Studies. 3 Credits.**

Required of majors in religious studies with a concentration in Jewish studies; graduate students may enroll. Concentrating on a different theme each year, the course offers intensive grounding in key areas of and approaches to Jewish studies. Combines exploration of broad topics with scholarly rigor and specificity.

**Gen Ed:** CI.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

## Religious Studies Major, B.A.

### Contact Information

**Department of Religious Studies**

Visit Program Website (<http://religion.unc.edu>)

125 Carolina Hall, CB# 3225

(919) 962-1567

**Randall Styers, Chair****Jessica Boon, Interim Director of Undergraduate Studies**

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The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, artifacts, beliefs, values, and rituals of a variety of religious traditions, including Buddhism, Christianity, Islam, and Judaism. Inherently interdisciplinary in its approach, religious studies explores religions in light of related fields in the humanities and social sciences such as anthropology, classics, archaeology, sociology, philosophy, and history.

### Department Programs

**Majors**

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 832)

**Minors**

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

**Graduate Programs**

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

### Student Learning Outcomes

Upon completion of the religious studies program, students should be able to:

- Demonstrate knowledge of influential terms, approaches, and theories in religious studies
- Effectively conduct research on a specific topic using the discipline-based methods for religious studies
- Communicate research clearly and effectively
- Demonstrate effective writing skills (clear focus, relevant evidence, coherent organization)

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
RELI 697	Capstone: Undergraduate Seminar	3
Two RELI courses numbered 400 or above, including courses cross-listed with other units		6
Six RELI courses, including courses cross-listed with other units		18
Total Hours		27

Of the nine courses required in the major, students must take at least one course in three of the department's five subfields listed below.

Religious Studies (RELI) course descriptions (p. 807).

Introductory and intermediate language courses (RELI 401, RELI 402, RELI 403, RELI 404, RELI 409, RELI 410) are recommended for their usefulness but do not count toward the major in religious studies.

### Ancient Mediterranean Religions

Code	Title	Hours
RELI 63	First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
RELI 65	First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
RELI 70	First-Year Seminar: Jesus in Scholarship and Film	3
RELI 78	First-Year Seminar: Reading the Bible: Now and Then	3
RELI 80	First-Year Seminar: Religion and Writing in the Ancient World	3
RELI 104	Introduction to the New Testament <sup>H</sup>	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
RELI 117	Culture of the Ancient Near East	3
RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
RELI 205	Sacrifice in the Ancient World <sup>H</sup>	3
RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3

RELI 208	The Birth of Christianity	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
RELI 217	Gnosticism <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 411	Advanced Akkadian	3
RELI 412	Ugaritic	3
RELI 413	Biblical Coptic and Early Egyptian Monasticism	3
RELI 414	Syriac	3
RELI 504	Readings in Hebrew Bible	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 603	The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3
RELI 609	Christianity and Greco-Roman Culture	3
RELI 610	Readings in the Apostolic Fathers	3
RELI 617	Death and Afterlife in the Ancient World	3
RELI/CLAR 375	Archaeology of Cult	3
RELI/CLAR/JWST 110	The Archaeology of Palestine in the New Testament Period	3
RELI/CLAR/JWST 512	Ancient Synagogues	3
RELI/FOLK 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3
RELI/JWST 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
RELI/JWST 106	Introduction to Early Judaism	3
RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
RELI/JWST 503	Exploring the Dead Sea Scrolls	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Asian Religions-Islamic Studies

Code	Title	Hours
ANTH/ASIA/RELI 574	Chinese World Views	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3
ASIA/COMM/RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 181	Modern Muslim Societies	3
ASIA/RELI 183	Asian Religions	3
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3

ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3	ASIA/RELI 581	Sufism	3
ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3	ASIA 301/ RELI 286	Premodern Japanese Religions	3
ASIA/RELI 384	Religion and Globalization in Southeast Asia	3	ASIA 303/ RELI 288	Chinese Religions	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3	GSSL/RELI 218	Christianity and Islam in the Middle Ages	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3	GERM/RELI 227	Luther and the Bible	3
ASIA/RELI 488	Shinto in Japanese History	3	HIST/RELI 454	The Reformation	3
ASIA/RELI 489	Animals in Japanese Religion	3	RELI 62	First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
ASIA/RELI 581	Sufism	3	RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3	RELI 88	First-Year Seminar: Religion and Society in Historical Novels	3
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	3	RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
ASIA/RELI 584	The Qur'an as Literature	3	RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3	RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3	RELI 163	Critical Issues in Western Religious Thought	3
ASIA 302/ RELI 287	Modern Japanese Religions	3	RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3
ASIA 303/ RELI 288	Chinese Religions	3	RELI 165	Mysticism <sup>H</sup>	3
HNUR/RELI 592	Religious Conflict and Literature in India	3	RELI 166	Ideals, Cultures, and Rituals of the University <sup>H</sup>	3
PWAD/RELI 481	Religion, Fundamentalism, and Nationalism	3	RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 64	First-Year Seminar: Reintroducing Islam	3	RELI 266	Medieval and Renaissance Christian Cultures	3
RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3	RELI 365	Studies in Christian Theologies and Theologians	3
RELI 165	Mysticism <sup>H</sup>	3	RELI 366	Medieval Religious Texts	3
RELI 184	East Asian Religions: The Religions of East Asia and the Environment	3	RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3	RELI 368	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI 248	Introduction to American Islam <sup>H</sup>	3	RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 289	Muhammad and the Qur'an	3	RELI 450	Sexuality in Jewish Tradition and History	3
RELI 381	Religions of South Asia	3	RELI 465	Monotheistic Mysticism	3
RELI 385	Modern Muslims and the Qur'an	3	RELI 565	Medieval Jews and the Bible	3
RELI 390	Topics in the Study of Religion (based on topic)	3	RELI 566	Islamic and Jewish Legal Literature	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	3	RELI 569	Interfaith Marriages and Intimacy in World Religions	3
RELI 480	Modern Muslim Literatures	3	RELI 586	Women and Gender in Japanese Religions	3
RELI 485	Gender and Sexuality in Islam	3	RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3	RELI 617	Death and Afterlife in the Ancient World	3
RELI 580	African American Islam	3	RELI 662	Advanced Seminar in Contemporary Catholicism	3
RELI 585	Religion and Culture of Turkey	3	RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3
RELI 586	Women and Gender in Japanese Religions	3	RELI 234/ SOVI 140	Historical Sociology of Christianity	3
RELI 590	Topics in the Study of Religion (based on topic)	3	RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
			RELI/WGST 371	Women Mystics	3
			RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Medieval and Early Modern/Historical Studies

Code	Title	Hours
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 488	Shinto in Japanese History	3



H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion and Culture

Code	Title	Hours
ANTH/FOLK/RELI 428	Religion and Anthropology <sup>H</sup>	3
ANTH/FOLK/RELI 688	Observation and Interpretation of Religious Action	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST/RELI 343	Religion in Modern Israel	3
PHIL 134/ RELI 126	Philosophy of Western Religion <sup>H</sup>	3
RELI 61	First-Year Seminar: Religion, Magic, and Science	3
RELI 67	First-Year Seminar: Nature, Culture, and Self-Identity: Religion in the Construction of Social Life	3
RELI 68	FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination <sup>H</sup>	3
RELI 71	First-Year Seminar: Ethics and the Spirit of the New Capitalism	3
RELI 74	First-Year Seminar: Person, Time, and Religious Conduct <sup>H</sup>	3
RELI 75	First-Year Seminar: Sacrifice and Surrender	3
RELI 76	First-Year Seminar: Money and Morality: Divining Value in Social Life	3
RELI 79	First-Year Seminar: Human Animals in Religion and Ethics	3
RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3
RELI 101	Introduction to Religious Studies	3
RELI 102	World Religions	3
RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
RELI 125	Heaven and Hell	3
RELI 127	The Claims of Science and Religion	3
RELI 134	Introduction to Religious Ethics <sup>H</sup>	3
RELI 135	Technology, the Self, and Ethical Problems	3
RELI 138	Religious Freedom	3
RELI 222	Modern Western Religious Thought	3
RELI 224	Modern Jewish Thought <sup>H</sup>	3
RELI 225	Christian Cultures	3
RELI 232	Shrines and Pilgrimages	3
RELI 233	Religion and Violence	3
RELI 235	Place, Space, and Religion	3
RELI 236	Religious Things	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
RELI 322	Theories of Religion <sup>H</sup>	3
RELI 323	Social Theory and Cultural Diversity	3

RELI 325	Religion, Magic, and Science	3
RELI 338	Religion in American Law	3
RELI 352	Anthropology of Christianity	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
RELI 421	Religion and Science	3
RELI 425	Psychology of Religion <sup>H</sup>	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3
RELI 522	19th-Century Critiques of Religion	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 525	Seminar in Religion and Literature	3
RELI 528	Rituals and Rhetorics of Religion	3
RELI 530	Genealogies of Religion	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 234/ SOC 140	Historical Sociology of Christianity	3
RELI/SOCI 429	Religion and Society	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 424	Gender Theory and the Study of Religion	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion in the Americas

Code	Title	Hours
ANTH/FOLK/RELI 342	African-American Religious Experience	3
ASIA/RELI 445	Asian Religions in America	3
JWST/RELI 107	Introduction to Modern Judaism	3
JWST/RELI 143	Judaism in Our Time	3
JWST/RELI 243	Introduction to American Judaism	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
RELI 60	First-Year Seminar: Religion and Racism	3
RELI 66	First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
RELI 69	First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3
RELI 72	First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 140	Religion in America <sup>H</sup>	3
RELI 141	African American Religions <sup>H</sup>	3
RELI 142	Catholicism in America	3
RELI 151	Religion in Latin America	3
RELI 235	Place, Space, and Religion	3
RELI 240	Religion, Literature, and the Arts in America <sup>H</sup>	3
RELI 241	Messianic Movements in American History	3
RELI 242	New Religious Movements in America	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3

RELI 248	Introduction to American Islam <sup>H</sup>	3
RELI 332	The Protestant Tradition <sup>H</sup>	3
RELI 338	Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 345	Black Atlantic Religions <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 441	Religion in Early America <sup>H</sup>	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 448	Native and Christian: Indigenous Engagements with Christianity	3
RELI 501	The History of the Bible in Modern Study	3
RELI 540	Mormonism and the American Experience	3
RELI 541	Evangelicalism from a Global Perspective <sup>H</sup>	3
RELI 542	Religion and the Counterculture <sup>H</sup>	3
RELI 580	African American Islam	3
RELI 590	Topics in the Study of Religion (based on topic)	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Religious Studies

### Honors in Religious Studies

Students majoring in religious studies (including double majors) with a grade point average of 3.5 or above in department courses and 3.3 grade point average overall and who will have successfully completed at least one course numbered 400 or above on a topic in religious studies that is related to the proposed thesis may choose to write an honors thesis. Candidates for graduation with honors in religious studies are to be enrolled in RELI 691H in the fall and RELI 692H in the spring semester of their senior year. RELI 691H and RELI 692H count toward the major as courses fulfilling subfield requirements. Students should submit applications for the honors program to the department's director of undergraduate studies by the end of February during their junior year. Consult the department's director of undergraduate studies for details.

### Study Abroad

Professor Jodi Magness directs archaeological excavations in Israel during the summer. Students are welcome to participate. Other courses through the Study Abroad Office can count towards the major and minor in religious studies as well.

### Undergraduate Awards and Honors

The department presents three awards at the end of each academic year: the Bernard Boyd Fellowship, the Bernard Boyd Memorial Prize, and the Halperin-Schultz Undergraduate Essay Award.

The department also inducts qualified majors into the Religious Studies National Honor Society, Theta Alpha Kappa.

# Religious Studies Major, B.A. – Jewish Studies Concentration

## Contact Information

**Department of Religious Studies**  
Visit Program Website (<http://religion.unc.edu>)  
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**Randall Styers, Chair**

**Jessica Boon, Interim Director of Undergraduate Studies**  
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**Myra Quick, Department Registrar**  
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The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, artifacts, beliefs, values, and rituals of a variety of religious traditions, including Buddhism, Christianity, Islam, and Judaism. Inherently interdisciplinary in its approach, religious studies explores religions in light of related fields in the humanities and social sciences such as anthropology, classics, archaeology, sociology, philosophy, and history.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 832)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

## Student Learning Outcomes

Upon completion of the religious studies program, students should be able to:

- Demonstrate knowledge of at least three religious traditions
- Demonstrate knowledge of influential terms, approaches, and theories in religious studies
- Conduct research in religious studies, including interpreting primary sources, assessing scholarly literature, and constructing original arguments
- Clearly and effectively communicate the results of research

# Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies	3
One course on the ancient period (see list below) <sup>1</sup>		3
One course on the medieval or early modern period (see list below) <sup>1</sup>		3
One course on the period from 1750 to the present (see list below) <sup>1</sup>		3
At least three courses taught outside the Department of Religious Studies (courses are identified by a footnote in the three lists below) <sup>1</sup>		9
<b>Additional Requirements</b>		
Students must take two courses at or above the 400 level <sup>2</sup>		
Two courses on the Hebrew language from:		6
HEBR 101, HEBR 102, HEBR 203, and HEBR 204		
RELI 211 and RELI 212		
RELI 401, RELI 402, RELI 403, and RELI 404		
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Courses listed more than once can be counted for only one category.OK

<sup>2</sup> Exclusive of the capstone seminar (JWST 697)

Although this concentration of the religious studies major is housed in the Department of Religious Studies, the director of Jewish studies is responsible for advising all students who elect the concentration in Jewish studies.

## Ancient Period

Code	Title	Hours
CLAR/JWST/ RELI 110	The Archaeology of Palestine in the New Testament Period	3
CLAR/JWST/ RELI 512	Ancient Synagogues	3
JWST/RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
JWST/RELI 106	Introduction to Early Judaism	3
JWST/RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
JWST/RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3

JWST/RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
JWST/RELI 503	Exploring the Dead Sea Scrolls	3
JWST/RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 78	First-Year Seminar: Reading the Bible: Now and Then	3
RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Medieval or Early Modern Period

Code	Title	Hours
GSLI/JWST 225	Popular and Pious: Early Modern Jewish Literature <sup>1</sup>	3
HIST/JWST 153	From the Bible to Broadway: Jewish History to Modern Times <sup>1</sup>	3
HIST/JWST 308	The Renaissance and the Jews <sup>1</sup>	3
HIST/JWST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>1, H</sup>	3
HIST/JWST 451	1492: The Expulsion of the Jews from Spain <sup>1</sup>	3
RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
RELI 565	Medieval Jews and the Bible	3
RELI 566	Islamic and Jewish Legal Literature	3
RELI/WGST 450	Sexuality in Jewish Tradition and History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses taught outside the Department of Religious Studies.

## Period from 1750 to the Present

Code	Title	Hours
AMST 360	The Jewish Writer in American Life <sup>1</sup>	3
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South <sup>1</sup>	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America <sup>1</sup>	3
ASIA/HIST/ PWAD 277	The Conflict over Israel/Palestine <sup>1</sup>	3
ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities <sup>1</sup>	3
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/JWST 357/ PWAD 362	The Arab-Jews: Culture, Community, and Coexistence <sup>1</sup>	3
ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>1, H</sup>	3
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music <sup>1</sup>	3

CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question <sup>1</sup>	3
ENGL/JWST 289	Jewish American Literature and Culture of the 20th Century <sup>1</sup>	3
FOLK/JWST 481	The Changing Lives of Jewish Objects <sup>1</sup>	3
FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography <sup>1</sup>	3
HEBR/JWST 305	Advanced Modern Hebrew I <sup>1</sup>	3
HEBR/JWST 306	Advanced Modern Hebrew II <sup>1</sup>	3
HIST/JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History <sup>1</sup>	3
HIST/JWST/ PWAD 262	History of the Holocaust: The Destruction of the European Jews <sup>1</sup>	3
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture <sup>1</sup>	3
JWST/GSLL/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe <sup>1</sup>	3
JWST/RELI 107	Introduction to Modern Judaism	3
JWST/RELI 143	Judaism in Our Time	3
JWST/RELI 224	Modern Jewish Thought <sup>H</sup>	3
JWST/RELI 243	Introduction to American Judaism	3
JWST/RELI 343	Religion in Modern Israel	3
JWST/RELI 444	Gender and Sexuality in Contemporary Judaism	3
JWST/SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature <sup>1</sup>	3
JWST/SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature <sup>1</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 501	The History of the Bible in Modern Study	3
SPAN 252	Argentine Jewish Culture <sup>1</sup>	3
SPAN 253	Argentine Jewish Film <sup>1</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses taught outside the Department of Religious Studies.

## Special Opportunities in Religious Studies

### Honors in Religious Studies

Students majoring in religious studies (including double majors) with a grade point average of 3.5 or above in department courses and 3.3 grade point average overall and who will have successfully completed at least one course numbered 400 or above on a topic in religious studies that is related to the proposed thesis may choose to write an honors thesis. Candidates for graduation with honors in religious studies are to be enrolled in RELI 691H in the fall and RELI 692H in the spring semester of their senior year. RELI 691H and RELI 692H count toward the major as courses fulfilling subfield requirements. Students should submit applications for the honors program to the department's director of undergraduate studies by the end of February during their junior year. Consult the department's director of undergraduate studies for details.

### Study Abroad

Professor Jodi Magness directs archaeological excavations in Israel during the summer. Students are welcome to participate. Other courses

through the Study Abroad Office can count towards the major and minor in religious studies as well.

### Undergraduate Awards and Honors

The department presents three awards at the end of each academic year: the Bernard Boyd Fellowship, the Bernard Boyd Memorial Prize, and the Halperin-Schultz Undergraduate Essay Award.

The department also inducts qualified majors into the Religious Studies National Honor Society, Theta Alpha Kappa.

## Islamic and Middle Eastern Studies Minor

### Contact Information

#### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
(919) 962-1567

#### Carl Ernst, Co-Director Center for Middle East and Muslim Civilizations

[cernst@email.unc.edu](mailto:cernst@email.unc.edu)

#### Randall Styers, Chair

#### Jessica Boon, Interim Director of Undergraduate Studies

[jboon@email.unc.edu](mailto:jboon@email.unc.edu)

#### Myra Quick, Department Registrar

[quick@email.unc.edu](mailto:quick@email.unc.edu)

The undergraduate minor in Islamic and Middle Eastern studies (ISME) is intended to offer students access to two complementary perspectives, the transregional study of Islam and Muslim societies in interaction with surrounding cultures, and the Middle East as a complex region seen through multiple disciplinary perspectives.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 832)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of five courses, which must be taken in at least two different departments; at least one course must be from the Department of Religious Studies, and at least one course must be at an advanced level (400 and above).

Code	Title	Hours
<b>Core Requirements</b>		
RELI 180	Introduction to Islamic Civilization <sup>1</sup>	3
or HIST 138	History of Muslim Societies to 1500	
One of the following three courses:		3
HIST 139	History of Muslim Societies since 1500	
HIST 276	The Modern Middle East	
RELI 181	Modern Muslim Societies	
Three elective courses (see course lists below)		9
<b>Additional Requirements</b>		
Three of the five courses in the minor (including the required courses listed above) must be selected from one of two subject categories—either Islamic studies or Middle Eastern studies—as indicated by the two lists of approved courses below.		
The other two courses must come from the other category.		
Total Hours		15

<sup>1</sup> Both courses cover material from the seventh century to 1500

One language course at level 5 or higher in Arabic, Hebrew, Hindi-Urdu, Persian, or Turkish can count as a course toward the minor. Up to two courses in Islamic and Middle East studies at Duke University may count toward the minor if approved by the director of the Carolina Center for the Study of the Middle East and Muslim Civilizations.

Although this minor is housed in the Department of Religious Studies, the director of the Carolina Center for the Study of the Middle East and Muslim Civilizations is responsible for advising all students who minor in Islamic and Middle Eastern studies.

## Islamic Studies

Code	Title	Hours
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3
ARTH 562	Islamic Urbanism	3
ARTH/ASIA 154	Introduction to Art and Architecture of Islamic Lands (Eighth-16th Centuries CE) <sup>H</sup>	3
ARTH/ASIA 251	Art in the Age of the Caliphs	3
ARTH/ASIA 273	Arts Under the Mughal Dynasty in India	3
ARTH/ASIA 458	Islamic Architecture and the Environment	3
ARTH/ASIA 561	Arts of the Islamic Mediterranean	3
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ASIA 331	Cracking India: Partition and Its Legacy in South Asia	3

ASIA/HIST 135	History of the Indian Subcontinent to 1750	3
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
ASIA/HIST 138	History of Muslim Societies to 1500	3
ASIA/HIST 139	History of Muslim Societies since 1500	3
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 181	Modern Muslim Societies	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3
ASIA/RELI 584	The Qur'an as Literature	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GSLI/RELI 218	Christianity and Islam in the Middle Ages	3
PWAD/RELI 481	Religion, Fundamentalism, and Nationalism	3
RELI 64	First-Year Seminar: Reintroducing Islam	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3
RELI 248	Introduction to American Islam <sup>H</sup>	3
RELI 289	Muhammad and the Qur'an	3
RELI 385	Modern Muslims and the Qur'an	3
RELI 480	Modern Muslim Literatures	3
RELI 485	Gender and Sexuality in Islam	3
RELI 580	African American Islam	3
SOCI 419	Sociology of the Islamic World	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Middle Eastern Studies

Code	Title	Hours
ARAB 150	Introduction to Arab Cultures	3
ARAB 151	Arabic Literature through the Ages	3
ARAB 350	Women and Leadership in the Arab World	3
ARAB 434	Modern Arabic Literature in Translation	3
ARAB 443	Dissident Voices in Arab Cultures	3
ARAB 452	Imagining Palestine	3
ARAB 453	Film, Nation, and Identity in the Arab World	3
ASIA 64	First-Year Seminar: Arab World Photography	3
ASIA 126	Introduction to Persian Literature	3
ASIA 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA 357	The Arab-Jews: Culture, Community, and Coexistence	3
ASIA 431	Persian Sufi Literature	3
ASIA 435	The Cinemas of the Middle East and North Africa	3
ASIA/CMPL 256	Love in Classical Persian Poetry	3
ASIA/CMPL 258	Iranian Prison Literature	3
ASIA/CMPL 359	Literary Diasporas of the Middle East	3
ASIA/CMPL 442	Postcolonial Literature of the Middle East	3
ASIA/GEOG 447	Gender, Space, and Place in the Middle East	3
ASIA/HIST 276	The Modern Middle East	3
ASIA/HIST 277	The Conflict over Israel/Palestine	3
ASIA/HIST 536	Revolution in the Modern Middle East	3
ASIA/HIST 538	The Middle East and the West	3
ASIA/HIST/WGST 537	Women in the Middle East	3



ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	3
ASIA/WGST 127	Iranian Women Writers	3
ASIA/WGST 329	Middle East Women Writers	3
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	3
GEOG 59	First-Year Seminar: Space, Identity, and Power in the Middle East	3
HIST 163	Modern Central Asia	3
HIST 511	9/11 in World History	3
JWST/RELI 343	Religion in Modern Israel	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 832) for special opportunities.

## Jewish Studies Minor

### Contact Information

#### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
(919) 962-1567

#### Ruth von Bernuth, Director for Jewish Studies

[rvb@email.unc.edu](mailto:rvb@email.unc.edu)

#### Randall Styers, Chair

#### Jessica Boon, Interim Director of Undergraduate Studies

[jboon@email.unc.edu](mailto:jboon@email.unc.edu)

#### Myra Quick, Department Registrar

[quick@email.unc.edu](mailto:quick@email.unc.edu)

The undergraduate minor in Jewish studies is an interdisciplinary curriculum that explores the history, literature, culture, and religious life of Jews in their interaction with other peoples from ancient times to the present. It also offers students an opportunity to become more knowledgeable about selected areas of the Jewish experience.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A.—Jewish Studies Concentration (p. 832)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC—Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of five courses, which must be taken in at least two different departments.

Code	Title	Hours
<b>Core Requirements</b>		
JWST 100/ RELI 123	Introduction to Jewish Studies (core course)	3
Four elective courses selected from the list below. Of these four courses, one must be a course numbered 400 or higher, and at least one must fulfill the world before 1750 (WB) General Education (p. 27) requirement.		12
AMST 360	The Jewish Writer in American Life	
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South	
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	
ASIA/HIST/ PWAD 277	The Conflict over Israel/Palestine	
ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	
ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	
ASIA/ JWST 357/ PWAD 362	The Arab-Jews: Culture, Community, and Coexistence	
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
CLAR/JWST/ RELI 110	The Archaeology of Palestine in the New Testament Period	
CLAR/JWST/ RELI 512	Ancient Synagogues	
CMPL/ GSSL 270/ JWST 239/ RELI 239	German Culture and the Jewish Question	
ENGL/JWST 289	Jewish American Literature and Culture of the 20th Century	
FOLK/JWST 481	The Changing Lives of Jewish Objects	

FOLK/JWST 505	Traditions in Transition: Jewish Folklore and Ethnography
GSSL/JWST 56	First-Year Seminar: Germans, Jews, and the History of Anti-Semitism
GSSL/JWST 225	Popular and Pious: Early Modern Jewish Literature
GSSL/JWST/PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe
HEBR/JWST 305	Advanced Modern Hebrew I
HEBR/JWST 306	Advanced Modern Hebrew II
HIST/JWST 153	From the Bible to Broadway: Jewish History to Modern Times
HIST/JWST 308	The Renaissance and the Jews
HIST/JWST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>
HIST/JWST 451	1492: The Expulsion of the Jews from Spain
HIST/JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History
HIST/JWST/PWAD 262	History of the Holocaust: The Destruction of the European Jews
JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture
JWST/RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>
JWST/RELI 106	Introduction to Early Judaism
JWST/RELI 107	Introduction to Modern Judaism
JWST/RELI 143	Judaism in Our Time
JWST/RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>
JWST/RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible
JWST/RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible
JWST/RELI 224	Modern Jewish Thought <sup>H</sup>
JWST/RELI 243	Introduction to American Judaism
JWST/RELI 343	Religion in Modern Israel
JWST/RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>
JWST/RELI 444/WGST 448	Gender and Sexuality in Contemporary Judaism
JWST/RELI 503	Exploring the Dead Sea Scrolls
JWST/RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon

JWST/SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature
JWST/SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature
RELI 78	First-Year Seminar: Reading the Bible: Now and Then
RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism
RELI 109	History and Culture of Ancient Israel <sup>H</sup>
RELI 201	Ancient Biblical Interpretation <sup>H</sup>
RELI 446	Christian-Jewish Relations throughout the Ages
RELI 501	The History of the Bible in Modern Study
RELI 565	Medieval Jews and the Bible
RELI 566	Islamic and Jewish Legal Literature
RELI 608	The Messiah and the Apocalypse
RELI/WGST 450	Sexuality in Jewish Tradition and History
SPAN 252	Argentine Jewish Culture
SPAN 253	Argentine Jewish Film

Total Hours 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Additions to this list must be approved by the director of the Carolina Center for Jewish Studies. Only courses in modern Hebrew at the fifth-semester level or higher can count toward the minor. For students minoring in both Jewish studies and religious studies, only two courses can overlap between the two minors.

Although this minor is housed in the Department of Religious Studies, the director of Jewish studies is responsible for advising all students who minor in Jewish studies.

See the program page here (p. 834) for special opportunities.

## Religious Studies Minor

### Contact Information

#### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
(919) 962-1567

#### Randall Styers, Chair

#### Jessica Boon, Interim Director of Undergraduate Studies

[jboon@email.unc.edu](mailto:jboon@email.unc.edu)

#### Myra Quick, Department Registrar

[quick@email.unc.edu](mailto:quick@email.unc.edu)

The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, artifacts, beliefs, values, and rituals of a variety of religious traditions, including Buddhism, Christianity, Islam, and Judaism. Inherently interdisciplinary in its approach, religious studies explores religions

in light of related fields in the humanities and social sciences such as anthropology, classics, archaeology, sociology, philosophy, and history.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 832)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
	Minimum requirements for the minor consist of five courses, four of which must be completed with a grade of C or better and two of which must be numbered above 400	15
<b>Additional Requirements</b>		
	At least one course in two of the department's subfields (see lists below).	
Total Hours		15

Introductory and intermediate language courses (RELI 401, RELI 402, RELI 403, RELI 404, RELI 409, RELI 410) are recommended for their usefulness but do not count towards the minor in religious studies.

Courses listed more than once can be counted for only one subfield.

## Ancient Mediterranean Religions

Code	Title	Hours
RELI 63	First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
RELI 65	First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
RELI 70	First-Year Seminar: Jesus in Scholarship and Film	3
RELI 78	First-Year Seminar: Reading the Bible: Now and Then	3

RELI 80	First-Year Seminar: Religion and Writing in the Ancient World	3
RELI 104	Introduction to the New Testament <sup>H</sup>	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
RELI 117	Culture of the Ancient Near East	3
RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
RELI 205	Sacrifice in the Ancient World <sup>H</sup>	3
RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3
RELI 208	The Birth of Christianity	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
RELI 217	Gnosticism <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 411	Advanced Akkadian	3
RELI 412	Ugaritic	3
RELI 413	Biblical Coptic and Early Egyptian Monasticism	3
RELI 414	Syriac	3
RELI 504	Readings in Hebrew Bible	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 603	The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3
RELI 609	Christianity and Greco-Roman Culture	3
RELI 610	Readings in the Apostolic Fathers	3
RELI 617	Death and Afterlife in the Ancient World	3
RELI/CLAR 375	Archaeology of Cult	3
RELI/CLAR/JWST 110	The Archaeology of Palestine in the New Testament Period	3
RELI/CLAR/JWST 512	Ancient Synagogues	3
RELI/FOLK 502	Myths and Epics of the Ancient Near East <sup>H</sup>	3
RELI/JWST 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
RELI/JWST 106	Introduction to Early Judaism	3
RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
RELI/JWST 503	Exploring the Dead Sea Scrolls	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Asian Religions-Islamic Studies

Code	Title	Hours
ANTH/ASIA/RELI 574	Chinese World Views	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3

ASIA/COMM/ RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 181	Modern Muslim Societies	3
ASIA/RELI 183	Asian Religions	3
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3
ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
ASIA/RELI 384	Religion and Globalization in Southeast Asia	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ASIA/RELI 488	Shinto in Japanese History	3
ASIA/RELI 489	Animals in Japanese Religion	3
ASIA/RELI 581	Sufism	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	3
ASIA/RELI 584	The Qur'an as Literature	3
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3
ASIA 302/ RELI 287	Modern Japanese Religions	3
ASIA 303/ RELI 288	Chinese Religions	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
PWAD/RELI 481	Religion, Fundamentalism, and Nationalism	3
RELI 64	First-Year Seminar: Reintroducing Islam	3
RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
RELI 165	Mysticism <sup>H</sup>	3
RELI 184	East Asian Religions: The Religions of East Asia and the Environment	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3
RELI 248	Introduction to American Islam <sup>H</sup>	3
RELI 289	Muhammad and the Qur'an	3
RELI 381	Religions of South Asia	3
RELI 385	Modern Muslims and the Qur'an	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	3
RELI 480	Modern Muslim Literatures	3
RELI 485	Gender and Sexuality in Islam	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 580	African American Islam	3
RELI 585	Religion and Culture of Turkey	3
RELI 586	Women and Gender in Japanese Religions	3

RELI 590	Topics in the Study of Religion (based on topic)	3
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Medieval and Early Modern/Historical Studies

Code	Title	Hours
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 488	Shinto in Japanese History	3
ASIA/RELI 581	Sufism	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3
ASIA 303/ RELI 288	Chinese Religions	3
GSSL/RELI 218	Christianity and Islam in the Middle Ages	3
GERM/RELI 227	Luther and the Bible	3
HIST/RELI 454	The Reformation	3
RELI 62	First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3
RELI 88	First-Year Seminar: Religion and Society in Historical Novels	3
RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3
RELI 163	Critical Issues in Western Religious Thought	3
RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3
RELI 165	Mysticism <sup>H</sup>	3
RELI 166	Ideals, Cultures, and Rituals of the University <sup>H</sup>	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 266	Medieval and Renaissance Christian Cultures	3
RELI 365	Studies in Christian Theologies and Theologians	3
RELI 366	Medieval Religious Texts	3
RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 368	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 450	Sexuality in Jewish Tradition and History	3
RELI 465	Monotheistic Mysticism	3
RELI 565	Medieval Jews and the Bible	3
RELI 566	Islamic and Jewish Legal Literature	3
RELI 569	Interfaith Marriages and Intimacy in World Religions	3
RELI 586	Women and Gender in Japanese Religions	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 617	Death and Afterlife in the Ancient World	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3

RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3
RELI 234/ SOCI 140	Historical Sociology of Christianity	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion and Culture

Code	Title	Hours
ANTH/FOLK/RELI 428	Religion and Anthropology <sup>H</sup>	3
ANTH/FOLK/RELI 688	Observation and Interpretation of Religious Action	3
CMPL/GSSL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST/RELI 343	Religion in Modern Israel	3
PHIL 134/ RELI 126	Philosophy of Western Religion <sup>H</sup>	3
RELI 61	First-Year Seminar: Religion, Magic, and Science	3
RELI 67	First-Year Seminar: Nature, Culture, and Self-Identity: Religion in the Construction of Social Life	3
RELI 68	FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination <sup>H</sup>	3
RELI 71	First-Year Seminar: Ethics and the Spirit of the New Capitalism	3
RELI 74	First-Year Seminar: Person, Time, and Religious Conduct <sup>H</sup>	3
RELI 75	First-Year Seminar: Sacrifice and Surrender	3
RELI 76	First-Year Seminar: Money and Morality: Divining Value in Social Life	3
RELI 79	First-Year Seminar: Human Animals in Religion and Ethics	3
RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3
RELI 101	Introduction to Religious Studies	3
RELI 102	World Religions	3
RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
RELI 125	Heaven and Hell	3
RELI 127	The Claims of Science and Religion	3
RELI 134	Introduction to Religious Ethics <sup>H</sup>	3
RELI 135	Technology, the Self, and Ethical Problems	3
RELI 138	Religious Freedom	3
RELI 222	Modern Western Religious Thought	3
RELI 224	Modern Jewish Thought <sup>H</sup>	3
RELI 225	Christian Cultures	3

RELI 232	Shrines and Pilgrimages	3
RELI 233	Religion and Violence	3
RELI 235	Place, Space, and Religion	3
RELI 236	Religious Things	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
RELI 322	Theories of Religion <sup>H</sup>	3
RELI 323	Social Theory and Cultural Diversity	3
RELI 325	Religion, Magic, and Science	3
RELI 338	Religion in American Law	3
RELI 352	Anthropology of Christianity	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
RELI 421	Religion and Science	3
RELI 425	Psychology of Religion <sup>H</sup>	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3
RELI 522	19th-Century Critiques of Religion	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 525	Seminar in Religion and Literature	3
RELI 528	Rituals and Rhetorics of Religion	3
RELI 530	Genealogies of Religion	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 234/ SOCI 140	Historical Sociology of Christianity	3
RELI/SOCI 429	Religion and Society	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 424	Gender Theory and the Study of Religion	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion in the Americas

Code	Title	Hours
ANTH/FOLK/RELI 342	African-American Religious Experience	3
ASIA/RELI 445	Asian Religions in America	3
JWST/RELI 107	Introduction to Modern Judaism	3
JWST/RELI 143	Judaism in Our Time	3
JWST/RELI 243	Introduction to American Judaism	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
RELI 60	First-Year Seminar: Religion and Racism	3
RELI 66	First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
RELI 69	First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3
RELI 72	First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 140	Religion in America <sup>H</sup>	3
RELI 141	African American Religions <sup>H</sup>	3
RELI 142	Catholicism in America	3
RELI 151	Religion in Latin America	3



RELI 235	Place, Space, and Religion	3
RELI 240	Religion, Literature, and the Arts in America <sup>H</sup>	3
RELI 241	Messianic Movements in American History	3
RELI 242	New Religious Movements in America	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
RELI 248	Introduction to American Islam <sup>H</sup>	3
RELI 332	The Protestant Tradition <sup>H</sup>	3
RELI 338	Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 345	Black Atlantic Religions <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 441	Religion in Early America <sup>H</sup>	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 448	Native and Christian: Indigenous Engagements with Christianity	3
RELI 501	The History of the Bible in Modern Study	3
RELI 540	Mormonism and the American Experience	3
RELI 541	Evangelicalism from a Global Perspective <sup>H</sup>	3
RELI 542	Religion and the Counterculture <sup>H</sup>	3
RELI 580	African American Islam	3
RELI 590	Topics in the Study of Religion (based on topic)	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 832) for special opportunities.

## Study of Christianity and Culture Minor

### Contact Information

#### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
(919) 962-1567

**Yaakov Ariel, Director, Christianity and Culture Program**  
yariel@email.unc.edu

**Randall Styers, Chair**

**Jessica Boon, Interim Director of Undergraduate Studies**  
jboon@email.unc.edu

**Myra Quick, Department Registrar**  
quick@email.unc.edu

The undergraduate minor in the study of Christianity and culture is an interdisciplinary curriculum in the humanities, arts, and social sciences

that aims to refine students' understanding of the cultural, social, and political influence of Christianity.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 828)
- Religious Studies Major, B.A.–Jewish Studies Concentration (p. 832)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 834)
- Jewish Studies Minor (p. 836)
- Religious Studies Minor (p. 837)
- Study of Christianity and Culture Minor (p. 841)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Requirements</b>		
The minor requires the completion of five courses, including at least one course from each of the following categories.		
Core course:		3-9
RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	
RELI 209	Varieties of Early Christianity <sup>H</sup>	
RELI 225	Christian Cultures	
RELI 266	Medieval and Renaissance Christian Cultures	
RELI 332	The Protestant Tradition <sup>H</sup>	
Ancient, medieval, or early modern Christianity (see list below)		3-9
Christianity in the modern world (see list below)		3-9
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Courses must be taken from at least two different departments, and at least one must be numbered 200 or above.

Students may also petition the Minor Faculty Advisory Committee for permission to count toward their minor requirements other potentially

appropriate UNC–Chapel Hill courses, independent study courses, transfer courses, or study abroad courses.

Students also are encouraged to take language courses that relate to the minor in the study of Christianity and culture — such as Latin, Greek, or Hebrew — but language courses do not fulfill minor course requirements.

Although this minor is housed in the Department of Religious Studies, the director of Christianity and culture is responsible for advising all students who minor in the study of Christianity and culture.

### Ancient, Medieval, or Early Modern Christianity

Code	Title	Hours
ARTH 264	Medieval Art in Western Europe	3
ARTH 290	Special Topics in Art History	3
ARTH 351	Crusader Art	3
ARTH 362	Early Christian Art and Modern Responses	3
ARTH 365	Late Medieval Art	3
CLAR 246	History of Early Christian and Byzantine Art	3
CLAR/JWST/ RELI 110	The Archaeology of Palestine in the New Testament Period	3
CLAS 259	Pagans and Christians in the Age of Constantine	3
ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	3
ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3
ENGL 319	Introduction to Medieval English Literature, excluding Chaucer <sup>H</sup>	3
ENGL 320	Chaucer <sup>H</sup>	3
GSSL/RELI 218	Christianity and Islam in the Middle Ages	3
HIST 106	Ancient History	3
HIST 107	Medieval History	3
HIST 177H	Honors Seminar in Early European History	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3
HIST 431	The Medieval Church	3
HIST 436	Medieval Theology, Gender, and the Body	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 460	Late Medieval and Reformation Germany	3
HIST/RELI 454	The Reformation	3
ITAL 240	Dante in English Translation	3
ITAL 357	Dante, Petrarch, and Boccaccio in English	3
PHIL 215	Medieval Philosophy	3
RELI 62	First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
RELI 70	First-Year Seminar: Jesus in Scholarship and Film	3
RELI 104	Introduction to the New Testament <sup>H</sup>	3
RELI 163	Critical Issues in Western Religious Thought	3
RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3
RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3
RELI 208	The Birth of Christianity	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 217	Gnosticism <sup>H</sup>	3
RELI 227	Luther and the Bible	3
RELI 234	Historical Sociology of Christianity	3

RELI 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI 266	Medieval and Renaissance Christian Cultures	3
RELI 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI 366	Medieval Religious Texts	3
RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 368	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI 413	Biblical Coptic and Early Egyptian Monasticism	3
RELI 448	Native and Christian: Indigenous Engagements with Christianity	3
RELI 603	The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3
RELI 609	Christianity and Greco-Roman Culture	3
RELI 610	Readings in the Apostolic Fathers	3
RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3
RELI 234/ SOC 140	Historical Sociology of Christianity	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Christianity in the Modern World

Code	Title	Hours
AAAD 159	The History of the Black Church and Social Change	3
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3
ANTH/FOLK/RELI 342	African-American Religious Experience	3
ARTH 352	Religious Architecture and Visual Culture in Latin America	3
PHIL 134/ RELI 126	Philosophy of Western Religion <sup>H</sup>	3
RELI 72	First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 125	Heaven and Hell	3
RELI 138	Religious Freedom	3
RELI 140	Religion in America <sup>H</sup>	3
RELI 141	African American Religions <sup>H</sup>	3
RELI 142	Catholicism in America	3
RELI 151	Religion in Latin America	3
RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3
RELI 225	Christian Cultures	3
RELI 236	Religious Things	3

RELI 241	Messianic Movements in American History	3
RELI 242	New Religious Movements in America	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
RELI 332	The Protestant Tradition <sup>H</sup>	3
RELI 338	Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 352	Anthropology of Christianity	3
RELI 365	Studies in Christian Theologies and Theologians	3
RELI 421	Religion and Science	3
RELI 424	Gender Theory and the Study of Religion	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 540	Mormonism and the American Experience	3
RELI 541	Evangelicalism from a Global Perspective <sup>H</sup>	3
RELI 542	Religion and the Counterculture <sup>H</sup>	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3
RELI/SOCI 429	Religion and Society	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
SOCI 290	Special Topics in Sociology	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 832) for special opportunities.

# DEPARTMENT OF ROMANCE STUDIES

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

**Samuel Amago, Chair**

**Glynis Cowell, Director of Undergraduate Studies**

[gscowell@unc.edu](mailto:gscowell@unc.edu)

## Introduction

The Department of Romance Studies is a diverse, multicultural, and plurilingual academic unit that engages in research and instruction in French, Italian, Portuguese, Spanish, and the historical minority languages of Europe and the Americas. The principal aims of the department are to preserve, increase, and transmit knowledge and understanding of the Romance languages, literatures, and cultures within the global and regional contexts in which they have developed.

Our course offerings present a diversity of approaches—historical, literary, linguistic, sociopolitical, cultural, and theoretical—to the study of literary and nonliterary texts and cultures of Europe, the Mediterranean, and the Americas. Students acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading.

## Advising

The Department of Romance Studies offers a major with five concentrations and five minors. All students can find their primary academic advisor in Dey Hall. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Each of the department's language advisors will meet with current and prospective majors by appointment. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://romancestudies.unc.edu>).

## Facilities

Students taking courses in the Department of Romance Studies have outstanding support for their work through the Digital Arts Collaboration Lab (DAC Lab), housed on the ground floor of Dey Hall. The DAC Lab provides resources and services for language teaching and learning, including audio and video materials; smart classrooms with PCs and projection equipment; listening, viewing, and recording facilities; online databases for language learning; and video-connected classrooms for distance learning.

## Graduate School and Career Opportunities

The master of arts in teaching (M.A.T.) degree is intended for students who wish to teach at the secondary level. M.A. and Ph.D. programs in Romance languages are almost exclusively oriented toward literary studies, and the undergraduate student should prepare accordingly. A reading knowledge of Latin is sometimes required, as is at least one other Romance language (generally Italian or French). Useful allied disciplines are English, history, classics, philosophy, linguistics, and art history. A double major with one of these fields is often desirable. Faculty members can advise students on choices of graduate schools. Ratings of programs are published from time to time and are available through the department.

For students seeking careers in international business and law, journalism, publishing, social work, and the health professions, a second major or minor in a language is an asset. This also applies to students who wish to work in a field that makes knowledge of French, Italian, Portuguese, or Spanish desirable, such as history, art, Latin American studies, or global studies.

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.—Italian (p. 866)
- Romance Languages Major, B.A.—Portuguese (p. 869)
- Romance Languages Major, B.A.—Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 875)

### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Professors

Samuel Amago, Lucia Binotti, Hassan Melehy, Rosa Perelmuter.

## Associate Professors

Emilio del Valle Escalante, Bruno Estigarribia, Oswaldo Estrada, Irene Gómez-Castellano, Juan Carlos González-Espitia, Carmen Hsu, Alicia Rivero, Ellen Welch.

## Assistant Professors

Marisa Escolar, Maggie Fritz-Morkin, Lamar Graham, Carolina Sa Carvalho, Jessica Tanner.

## Teaching Professors

Glynis S. Cowell, Nina M. Furry.

## Teaching Associate Professors

Michael Brown, Elizabeth Bruno, Cristina Carrasco, Amy Chambless, Hélène M. de Fays, Luis M. Gómez, Michelle Gravatt, Dorothea Heitsch, Hosun Kim, Malgorzata Lee, Josefa Lindquist, Abel Muñoz-Hermoso, Valérie Pruvost, Martha Ruiz-García, Martín Sueldo, Richard Vernon.

## Teaching Assistant Professors

Martha Alexander, Robert Anderson, Lorna Avilés, Tamara Cabrera, Federico Castellões, Corina Dueñas, Patricia Fuentes Lima, Kyung Huer, Pedro Huesa, Sangsuk Kim, Heather Knorr, Anastacia Kohl, Beatriz Lomas-Lozano, Victoria Martin, Alan Redick, Christina H. Rudosky, Alicia Shade, Kristine Taylor, Elizabeth Tolman.

## Professors Emeriti

Martine Antle, Cesáreo Bandera, Angel L. Cilveti, Dino Cervigni, Frank A. Domínguez, Dominique D. Fisher, Larry D. King, Yves de la Quérière, I.R. Stirling Haig, Antonio Illiano, Catherine A. Maley, James S. Noblitt, José Manuel Polo de Bernabé, Ennio Rao, Monica P. Rector, Maria A. Salgado, Carol L. Sherman.

## Advanced Undergraduate and Graduate-level Courses

### CATA 401. Elementary Catalan. 3 Credits.

Introduction to Catalan language and culture. Designed for students who already have proficiency in another foreign language.

**Grading status:** Letter grade.

### CATA 402. Intermediate Catalan. 3 Credits.

Continuation of Catalan 401 with more emphasis on reading authentic texts.

**Grading status:** Letter grade.

## FREN–French

### Undergraduate-level Courses

#### FREN 101. Elementary French I. 3 Credits.

Introduces the essential elements of French structure and vocabulary and aspects of French and francophone culture. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both FREN 101 and FREN 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 102. Elementary French II. 3 Credits.

Continues the study of essential elements of French structure, vocabulary, and aspects of French and francophone culture. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both FREN 102 and FREN 105, 111, or 401.

**Requisites:** Prerequisite, FREN 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 102H. Elementary French II. 3 Credits.

Continues study of essential elements of French structure, vocabulary, and aspects of French and francophone culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both FREN 102 and FREN 105, 111, or 401.

**Requisites:** Prerequisite, FREN 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 105. French for High Beginners. 4 Credits.

Accelerated course that covers FREN 101 and 102 for students with previous study of French. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both FREN 105 and FREN 102 or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 111. Intensive Elementary French. 6 Credits.

Permission of the instructor. Covers the material of the FREN 101 and 102 sequence in a single semester. Students may not receive credit for both FREN 111 and FREN 101, 102, or 105.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 203. Intermediate French I. 3 Credits.

Develops language skills for communication. Review of elementary French with increasing emphasis on reading and writing in the context of contemporary French and francophone culture. Students may not receive credit for both FREN 203 and 212 or 402.

**Requisites:** Prerequisite, FREN 102, 105, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 203H. Intermediate French I. 3 Credits.

Develops language skills for communication. Review of elementary French with increasing emphasis on reading and writing in the context of contemporary French and francophone culture. Students may not receive credit for both FREN 203 and 212 or 402.

**Requisites:** Prerequisite, FREN 102, 105, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 204. Intermediate French II. 3 Credits.

Continued development of language skills for communication through reading and discussion of literary and cultural texts. Emphasis on accurate grammar in written and oral expression. Students may not receive credit for both FREN 204 and 212 or 402.

**Requisites:** Prerequisite, FREN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 204H. Intermediate French II. 3 Credits.

Continued development of language skills for communication through reading and discussion of literary and cultural texts. Emphasis on accurate grammar in written and oral expression. Students may not receive credit for both FREN 204 and 212 or 402.

**Requisites:** Prerequisite, FREN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 212. Intensive Intermediate French. 6 Credits.

A continuation of FREN 111; covers the material of FREN 203 and 204 in one semester. Students may not receive credit for both FREN 212 and FREN 203 or 204.

**Requisites:** Prerequisite, FREN 102, 105, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

#### FREN 250. Language through Culture and Literature. 3 Credits.

Emphasis on further development and refinement of speaking, listening, reading, and writing, including a review of grammar. Study of literary and cultural texts.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.



**FREN 255. Conversation I. 3 Credits.**

Introductory conversation for building oral proficiency while increasing awareness of French culture. Emphasis on vocabulary and grammatical accuracy; writing activities support speaking.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**FREN 255H. Conversation I. 3 Credits.**

Introductory conversation for building oral proficiency while increasing awareness of French culture. Emphasis on vocabulary and grammatical accuracy; writing activities support speaking.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**FREN 260. Literature and the French-Speaking World. 3 Credits.**

Skills for further literary studies through French poetry, theater, and prose from Renaissance to the present. Lectures, discussions, and written assignments.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**FREN 260H. Literature and the French-Speaking World. 3 Credits.**

Skills for further literary studies through French poetry, theater, and prose from Renaissance to the present. Lectures, discussions, and written assignments.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**FREN 280. French "Discoveries" of the Americas in Translation. 3 Credits.**

Texts in translation and sub-titled films from the Renaissance through the present day that involve representations of the Americas from French and francophone perspectives.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**FREN 285. Sex, Philosophy, and Politics: Revolutionary Literature in Translation. 3 Credits.**

Exploration of questions related to sex and gender during the French Revolution and their reflection in literature, philosophy, and art.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**FREN 286. Food for Thought: The Culture of Cuisine in Modern France. 3 Credits.**

Exploration of French food culture in film, literature, and historical texts, examining gastronomy in relation to national and individual identity, immigration, cultural specificity, tradition and innovation, markets, sociability, and excess and lack. Conducted in English; students may do written work in French for major or minor credit.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**FREN 300. French Composition and Grammar Review. 3 Credits.**

Recommended preparation, FREN 250, 255, or 260. Intensive grammar review and composition to improve accuracy and develop writing skills, using process and task-oriented approaches.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Grading status:** Letter grade.

**FREN 308. LAC Recitation. 1 Credit.**

Coregistration in a specified LAC course required. Promotes foreign language proficiency across the curriculum. May not count toward the major or minor in French.

**Requisites:** Prerequisite, FREN 204 or 402; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**FREN 310. Conversation and Composition II. 3 Credits.**

Intermediate conversation to expand speaking skills through vocabulary building, discussion of selected texts, and activities that produce conversation. Ongoing development of writing skills.

**Requisites:** Prerequisite, FREN 250, 255, 260, or 300.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**FREN 311. Communication Skills for Cultural Immersion. 3 Credits.**

Students will expand their active vocabulary, refine their mastery of grammar and hone communication skills to facilitate their cultural immersion during study abroad in Montpellier. Topics of current interest will allow students to explore French and regional culture while perfecting their written and oral expression and comprehension. Open only to students in France.

**Requisites:** Prerequisite, FREN 255, 260, or 312; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**FREN 312. French University Methodology through Literature. 3 Credits.**

Open only to students in Montpellier, France. Introduction to French literature through the study of a selection of representative texts. Prepares students for the academics required at a French university. Students will also gain knowledge and experience of the intellectual culture and educational organization of France.

**Requisites:** Prerequisite, FREN 204, 212, or 402.

**Grading status:** Letter grade.

**FREN 315. Imposteur!: Faking and False Identities in French and Francophone Drama and Film. 3 Credits.**

Examines how French-language plays and films explore questions of identity through stories of imposture, disguise, cross-dressing, and mistaken identity. Authors studied include Molière, Marivaux, De la Chenelière, and others. In French.

**Requisites:** Prerequisite, FREN 255 or 260; pre- or corequisite, FREN 300; permission of the instructor for students lacking the requisite.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**FREN 320. Business French. 3 Credits.**

Practice of vocabulary and discourse strategies pertinent to business-related activity in French. Readings and discussions emphasize cultural awareness for interaction in cross-cultural settings.

**Requisites:** Prerequisite, FREN 250, 255, or 260.

**Grading status:** Letter grade.

**FREN 325. Crime and Literature in French and Francophone Contexts. 3 Credits.**

Recommended preparation, FREN 260 and 300. This course explores the depiction of crime in literature: from medieval tricksters and classical tyrants to romantic crimes of passion; from the destruction of social and ethical codes to the global victims of (civil) war. In French.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**FREN 330. French Civilization I. 3 Credits.**

A study of important aspects of French civilization (descriptive geography and cultural, social, political, and art history highlights) from its beginning to Louis XIV.

**Requisites:** Prerequisite, FREN 300.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**FREN 331. French Civilization II. 3 Credits.**

A study of important aspects of French civilization (cultural, social, political, and art history highlights) from the eve of the French Revolution to the present time.

**Requisites:** Prerequisite, FREN 300.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**FREN 332H. Cultural Diversity in Francophone Cinema. 3 Credits.**

Focuses on the construction of cultural identities in French films within a European context from the 1980s until today.

**Requisites:** Prerequisite, FREN 260 or 312.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** CMPL 332H, EURO 332H.

**FREN 350. Advanced Oral and Written French. 3 Credits.**

Oral communication and composition on contemporary topics in French and francophone cultures. Study of cultural texts, articles from the French press, and video documents.

**Requisites:** Prerequisite, FREN 300.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**FREN 370. Survey of French Literature I. 3 Credits.**

A survey of major authors and the genres they represent in French literature of the Middle Ages and Renaissance.

**Requisites:** Prerequisites, FREN 260 or 312, and 300.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**FREN 371. Survey of French Literature II. 3 Credits.**

A survey of major authors and the genres they represent in French literature of the 17th and 18th centuries.

**Requisites:** Prerequisites, FREN 260 or 312, and 300.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**FREN 372. Survey of French Literature III. 3 Credits.**

A survey of major authors and the genres they represent in French literature of the 19th and 20th centuries.

**Requisites:** Prerequisites, FREN 260 or 312, and 300.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**FREN 373. French New Wave Cinema. 3 Credits.**

Critical viewing of films of the major directors of the French New Wave of the 1950s through the 1970s, including Jean-Luc Godard, François Truffaut, and Eric Rohmer. Examination of earlier films that inform these directors. The impact of the New Wave on global cinema.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**FREN 374. Survey of French Literature IV. 3 Credits.**

A survey of major authors and the genres they represent in French literature in the 20th and 21st centuries. This course focuses on the major transformations in form, themes, genres and connections between other media and disciplines in France in the 20th- and 21st-century novel.

**Requisites:** Prerequisite, FREN 260 or 312, and 300.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**FREN 375. Francophone Literature and Film. 3 Credits.**

Readings in francophone literatures from literary and cultural perspectives. Areas of study may vary (African, Canadian, European, etc.).

**Requisites:** Prerequisites, FREN 260 or 312, and 300.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**FREN 376. Identity and Nationhood in Québécois Literature. 3 Credits.**

The evolution of identity and nationhood in Québécois literature from the 1960s to the present. Includes the study of francophone literature of immigration in Québec.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**FREN 377. The Evolution of Frenchness since WWII. 3 Credits.**

How wars, women's movements, immigration, and globalization have influenced the notion of Frenchness.

**Requisites:** Prerequisite, FREN 300.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**FREN 378. French and European Transmigrations: Global Contexts. 3 Credits.**

Interdisciplinary studies of France's role in the construction of European identity.

**Requisites:** Prerequisite, FREN 300.

**Gen Ed:** GL, NA.

**Grading status:** Letter grade.

**FREN 379. Special Topics in French and Francophone Studies. 3 Credits.**

Possible topics include cinema, transnational francophone literatures, gender studies. In English.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 380. Francophone Drama and Multimedia Productions. 3 Credits.**

French-language theater. Specific topics to be announced in advance by the instructor.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Grading status:** Letter grade.

**FREN 381. Francophone Poetry and Slam. 3 Credits.**

Specific topics to be announced in advance by the instructor.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Grading status:** Letter grade.

**FREN 382. Visual Francophone Studies. 3 Credits.**

Specific selections announced in advance by the instructor.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Grading status:** Letter grade.

**FREN 383. Franco-Asian Encounters. 3 Credits.**

Examines the cultural encounters between France and Vietnam and China, the socio-historical context of French colonialism in Vietnam, and the literary and cultural production to which it gave rise.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**FREN 387. Paris/Versailles: The Court and the City in the 17th Century. 3 Credits.**

Seventeenth-century Paris and Versailles serve as the basis for considering the construction of cultural centers and peripheries; the role of style, taste, and etiquette in the fabrication of social identities; the theatricality of life at court and in the city; and the relationship between political power and aesthetics.

**Requisites:** Prerequisites, FREN 300 and 370, 371, or 372.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**FREN 388. History of French Cinema I: 1895-1950. 3 Credits.**

Recommended preparation, CMPL143. Study of French cinema from 1895 through 1950, including early French film, silent cinema, surrealism, poetic realism, and postwar cinema. Concepts and vocabulary for film criticism.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**FREN 389. History of French Cinema II: 1950 to the Present. 3 Credits.**

Recommended preparation, CMPL143. Study of French cinema from 1950 to the present, including postwar cinema, the New Wave, and the French film industry in the age of globalization. Concepts and vocabulary for film criticism.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**FREN 390. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 395. Research for Advanced French Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. Research project on topic agreed upon by the student and faculty member. Includes bibliographic work and research approaches.

**Requisites:** Prerequisite, FREN 300.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****FREN 401. Beginning Accelerated French. 3 Credits.**

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both FREN 401 and FREN 101, 102, 105 or 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**FREN 402. Intermediate Accelerated French. 3 Credits.**

A continuation of FREN 401. Covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both FREN 402 and FREN 203, 204, or 212.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**FREN 403. Advanced Composition. 3 Credits.**

Review of advanced grammar. Exercises in translation from English into French of literary and critical materials. Free composition and training in the use of stylistic devices.

**Requisites:** Prerequisite, FREN 300.

**Grading status:** Letter grade.

**FREN 421. Old French. 3 Credits.**

An introductory course designed to enable students to read medieval texts with rapidity and accuracy. Phonology, morphology, semantics, and syntax.

**Grading status:** Letter grade.

**FREN 437. Literary and Cultural Theory in France. 3 Credits.**

A study of structuralist and poststructuralist methods in poetics, semiotics, psychoanalysis, sociology, and philosophy.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 452. Muslim Women in France and the United States. 3 Credits.**

This class will follow Muslim women's experiences and changing roles in France and the United States from the 1970s through today.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**FREN 489. 19th-Century Literature and Culture. 3 Credits.**

Intensive study of a single major author of the romantic or postromantic period. The subject changes from year to year among writers in the different literary genres.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Grading status:** Letter grade.

**FREN 490. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 500. Research Methods in French and European Studies. 3 Credits.**

Provides training in research methodology either for a B.A. honors or M.A. thesis topic related to contemporary European studies. Students will learn to conceptualize an original research project and to identify and assess the current intellectual debates in their chosen areas of research.

**Grading status:** Letter grade.

**FREN 504. Cultural Wars: French/United States Perspectives. 3 Credits.**

This course examines the limits of universalism in today's "multicultural" France and how the European Union will affect French universalism and French resistance to identity politics.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 505. African Francophone Cinema. 3 Credits.**

Study of the production of films from francophone sub-Saharan and North African communities.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Gen Ed:** VP, BN.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 513. 20th- and 21st-Century French Literature and Culture. 3 Credits.**

Studies of a single author, a literary movement, or an aesthetic movement from the avant-garde to postmodernism.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 515. Social Networks: Technology and Community in Modern France. 3 Credits.**

Required preparation, FREN 300 and one additional course above FREN 300, or permission of the instructor. Exploration of the interaction between technology and sociability in 19th- through 21st-century French literature, with an emphasis on questions of modernization, industrialization, colonization, globalization, subjectivity, and ethics. Taught in French.

**Gen Ed:** PH, NA.

**Grading status:** Letter grade.

**FREN 522. French Middle Ages. 3 Credits.**

Readings in a variety of medieval texts in light of contemporary literary theory.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 530. Postmodernisms. 3 Credits.**

Theory, literary texts, films, and cultural phenomena associated with postmodernism and the interaction of art, philosophy, film, literature, and popular culture.

**Requisites:** Prerequisites, FREN 300, and 370, 371, and 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 554. Writing the Mediterranean. 3 Credits.**

Explores early modern literary representations of the Mediterranean as a space of cross-cultural encounter, exchange, rivalry, and negotiation.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**FREN 555. Crossing Gazes: Multidirectional and Conflicting Memories of Algeria. 3 Credits.**

Focus on contemporary fictions and films, and the writing of history from both the French (French-Algerian or "Pieds noirs," French draftees) and the Algerian sides.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** BN, GL.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 561. French Renaissance Literature and Culture. 3 Credits.**

Recommended preparation, FREN 370. Interdisciplinary seminar on a cultural topic or a theme through readings in literary and nonliterary texts.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 562. Poetry of the French Renaissance. 3 Credits.**

Recommended preparation, FREN 370. Major currents in French Renaissance poetry: the Rhétoriqueurs, the break with the Middle Ages, Italian influences, the formation of the French Renaissance sonnet, poetry and gender, poetry and politics, the Pléiade. Clément Marot, Maurice Scève, Louise Labé, Olivier de Magny, Pierre de Ronsard, Joachim Du Bellay. Taught in French. Previously offered as FREN 662.

**Grading status:** Letter grade.

**FREN 563. Studies in the Anglo-French Renaissance. 3 Credits.**

Recommended preparation, FREN 370 (for students taking the course for French credit), or one course from ENGL 225 to ENGL 229, or one course from CMPL 120 to CMPL 124. Study of French-English literary relations in the Renaissance, focusing on literary adaptation and appropriation, poetics, political writing, and related areas.

**Gen Ed:** LA, WB.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** CMPL 563.

**FREN 564. History of the French Language. 3 Credits.**

The phonology, morphology, and syntax of French are traced from the Latin foundation to the present. Lectures, readings, discussions, and textual analysis.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** LING 564.

**FREN 565. French Phonetics and Phonology. 3 Credits.**

The study of sounds as system in modern standard French. Lecture, discussion, laboratory practice in practical phonetics according to individual needs.

**Requisites:** Prerequisite, FREN 300; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** LING 565.

**FREN 566. Structure of Modern French. 3 Credits.**

Introduction to phonology, morphology, and syntax of modern standard French. Application of modern linguistic theory to the teaching of French.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade

**Same as:** LING 566.

**FREN 575. 20th- and 21st-Century Francophone Literature and the Visual Arts. 3 Credits.**

Evolution of francophone literature from a literary and cultural perspective (Maghreb, Africa, Caribbean Islands, and Canada).

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 576. Francophone Cultural Studies. 3 Credits.**

An examination of national and transnational identity within European culture and recent economic and ethnologic changes in Western Europe and France.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.



**FREN 583. 18th-Century French Literature and Culture. 3 Credits.**

Intensive study of a major 18th-century writer.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 585. Libertinism and Sexuality. 3 Credits.**

In-depth study of the genealogy of the concept of libertinage as a philosophical discourse and aesthetic manifestation.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 590. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 601. French for Reading. 3 Credits.**

French language for reading. For students with no background in French or those needing a review of grammatical structures and vocabulary in preparation for the reading knowledge exam for graduate degrees (FLPA).

**Grading status:** Letter grade.

**FREN 611. French Novelists of the 20th Century. 3 Credits.**

Evolution of the novel in France up to the nineties.

**Grading status:** Letter grade.

**FREN 617. Framing Identities: Franco-Arab Transvisual Transcultural Contexts. 3 Credits.**

This course focuses on the representation of identities in Franco-Arab contexts and in various artistic productions (fiction, photography, paintings, comics, films, etc.), with a special focus on Algeria, Tunisia, France, Lebanon, and Québec.

**Requisites:** Prerequisite, FREN 300, 372, or 375.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**FREN 670. 17th-Century French Literature and Culture. 3 Credits.**

In-depth study of a particular aspect of 17th-century literature and culture. Possible topics are the court and its elsewhere, Frenchness and foreignness in the 17th century, theater and theatricality, enchantment and disenchantment.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 675. Literature and Enlightenment, 17th -18th Centuries. 3 Credits.**

This seminar examines 17th- and 18th-century French literature in relation to the intellectual, social, and political movements of the Enlightenment. See department announcements for current topic and reading list. In French. Primarily for graduate students; advanced undergraduates may enroll with permission of the instructor.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**FREN 687. Diaspora and Transculturalism in Québécois Literature. 3 Credits.**

Evolution of identity and nationhood in Québécois literature from the 1960s to the present, including the study of the literature of immigration (diasporic or littérature migrante).

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 690. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Requisites:** Prerequisites, FREN 300, and 370, 371, or 372.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**FREN 691H. Honors Thesis in French. 3 Credits.**

Required of students reading for honors. Preparation of an essay under the direction of a member of the faculty. Topic to be approved by thesis director in consultation with honors advisor.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**FREN 692H. Honors Thesis in French. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## ITAL-Italian

### Undergraduate-level Courses

**ITAL 101. Elementary Italian I. 3 Credits.**

Introduces the essential elements of Italian structure and vocabulary and aspects of Italian culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both ITAL 101 and ITAL 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ITAL 102. Elementary Italian II. 3 Credits.**

Continues study of essential elements of Italian structures, vocabulary, and aspects of Italian culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both ITAL 102 and ITAL 401.

**Requisites:** Prerequisite, ITAL 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ITAL 203. Intermediate Italian I. 3 Credits.**

Develops language skills for communication. Reviews and expands grammar of elementary Italian with increasing emphasis on reading and writing in the context of Italian culture. Students may not receive credit for both ITAL 203 and ITAL 402.

**Requisites:** Prerequisite, ITAL 102 or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.



**ITAL 204. Intermediate Italian II. 3 Credits.**

Continued development of language skills for oral and written communication through reading and discussion of literature and expository texts. Further study of grammar. Students may not receive credit for both ITAL 204 and ITAL 402.

**Requisites:** Prerequisite, ITAL 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ITAL 240. Dante in English Translation. 3 Credits.**

A reading of Dante's Divine Comedy.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**ITAL 241. Italian Renaissance Literature in Translation. 3 Credits.**

A study of the major authors of the Italian Renaissance, with special attention to Petrarch, Boccaccio, Machiavelli, Castiglione, Ariosto, and Tasso.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**ITAL 242. Modern Italian Literature in Translation. 3 Credits.**

A study of the major prose writers of modern Italian literature, with special attention given to Manzoni, Verga, Pirandello, Svevo, Moravia, Lampedusa, and other contemporary novelists.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ITAL 250. Italian Fascism: Between History, Fiction, and Film. 3 Credits.**

An introduction to Italian fascism through history, literature, and film. A look at different forms of culture under fascism and how fascist culture has been remembered after its fall.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ITAL 258. Modern Italy since 1848. 3 Credits.**

This course focuses on the history of modern Italy and examines changes in political, social, economic structures. Students will engage in the search for an "Italian identity." Topics will include unification, World War I and II, Italian fascism, the postwar Italian Republic, the Mafia, terrorism, popular culture, and Silvio Berlusconi.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 258.

**ITAL 300. Communicating in Italian: Media, Culture, and Society. 3 Credits.**

Intensive grammar review and composition designed to improve accuracy and develop writing skills, using process and task-oriented approaches.

**Requisites:** Prerequisite, ITAL 204 or 402.

**Grading status:** Letter grade.

**ITAL 308. LAC Recitation. 1 Credit.**

Coregistration in a specified LAC course required. A recitation section for selected courses that promote the use of foreign language proficiency across the curriculum (LAC). May not count toward the major or minor in Italian.

**Requisites:** Prerequisite, ITAL 203; Permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**ITAL 310. Italian Conversation. 3 Credits.**

Designed to expand speaking skills through vocabulary building, discussion of selected texts, and activities that produce conversation. Ongoing development of writing skills.

**Requisites:** Prerequisite, ITAL 204 or 402.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**ITAL 320. Italian Cities and Cultures. 3 Credits.**

Examines history, literature, and contemporary culture through the lens of Italian cities.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**ITAL 330. Italian Civilization I. 3 Credits.**

Study of the importance of Italian civilization from its beginnings to the present. Areas examined include history, art history, music, and literature.

**Requisites:** Prerequisite, ITAL 204 or 402; Permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade.

**ITAL 331. Italian Civilization II. 3 Credits.**

A multidisciplinary examination of postunification Italian culture conducted in Italian. The course will trace out recurrent themes by examining texts from various media: film, literature, music, television, journalism, and architecture.

**Requisites:** Prerequisite, ITAL 204 or 402.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**ITAL 333. Italian Film and Culture. 3 Credits.**

Analysis of films from World War II to the present. Lectures and discussion in English. Films in Italian with English subtitles. Readings in Italian for majors, in translation for nonmajors.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ITAL 335. Themes in Italian Film. 3 Credits.**

Themes in Italian cinema: literary adaptation, neorealism, a single auteur or period, representations of fascism, the city, the country, industrialization, social space, north/south difference, regionalism, gender, and sexuality.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade.

**ITAL 337. Cinema for Italian Conversation. 3 Credits.**

Expansion of speaking, writing, vocabulary, and grammar in Italian through the study of a variety of films. Topics relating to global issues, transnational connections between different countries, and diversity in Italy will be explored.

**Requisites:** Prerequisite, ITAL 300.

**Gen Ed:** VP, CI.

**Grading status:** Letter grade.

**ITAL 339. US-Italian Encounters: War, Tourism, Myth. 3 Credits.**

Analyzing novels, memoirs, films, and military documents on the Allies' occupation of Italy in World War II, this seminar will ask what it means to go to war in a country associated with art, pleasure, and tourism, and how the WWII encounter influenced postwar relations.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade

**Same as:** PWAD 339.

**ITAL 340. Italian America in Literature and Film. 3 Credits.**

Explores the images of Italian Americans in literature and film, from representations of Italian immigrant otherness to attempts at identity construction, differentiation, and assimilation by Italian American authors and filmmakers.

**Gen Ed:** LA, NA, US.

**Grading status:** Letter grade.

**ITAL 343. Italian Culture Today: Modern Italy as a Nation 1860 to Present. 3 Credits.**

This course offers a cultural approach to the study of Italian culture in the 20th century, examining material across disciplines: literature, visual arts, music, history, architecture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**ITAL 345. Italian Women Writers. 3 Credits.**

Introduces students to Italian women writers whose works explore how historical realities such as fascism, resistance, migration, immigration, and changing institutions of work and family have affected women.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**ITAL 346. Women Writers in Early Modern Italy. 3 Credits.**

Examines the historical and cultural conditions in 16th-century Italy that fostered women writers who published literature across early modern genres. Through historical analysis and close readings of literary texts, students will think critically about the ways in which literary canons are formed.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, WB.

**Grading status:** Letter grade.

**ITAL 357. Dante, Petrarch, and Boccaccio in English. 3 Credits.**

Introduces students to the world of Dante, Petrarch, and Boccaccio, situated within the context of medieval and early modern Europe.

**Grading status:** Letter grade.

**ITAL 359. Medieval Frauds: Fake News, Counterfeits, and Forgeries. 3 Credits.**

This course examines medieval Italians' preoccupation with fraud through literary and historical texts: its philosophical definition and taxonomy, its perceived threat to moral and social order, the hermeneutics of fraud detection, and strategies for bearing the burden of proof.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade.

**ITAL 365. Italian Food and Culture. 3 Credits.**

Examines the historical relationships between food and culture in Italian society.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**ITAL 370. Survey of Italian Literature I. 3 Credits.**

A survey of Italian literature from its origins through the 16th century.

**Requisites:** Prerequisite, ITAL 204 and 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade.

**ITAL 371. Survey of Italian Literature II. 3 Credits.**

A survey of Italian literature from the 17th century to the present.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ITAL 382. The Modern Italian Novel. 3 Credits.**

A representative sampling of the genre from Pirandello to the present.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ITAL 395. Research for Advanced Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. A tutorial for advanced students in Italian on a topic agreed upon by the student and a member of the faculty.

**Requisites:** Prerequisite, ITAL 300.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**ITAL 396. Independent Study in Italian Literature. 3 Credits.**

Independent study on a selected topic in Italian literature and culture agreed upon by the student and a member of the faculty.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ITAL 398. Undergraduate Seminar in Italian. 3 Credits.**

A seminar on a previously announced subject.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ITAL 401. Beginning Accelerated Italian. 3 Credits.**

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both ITAL 401 and ITAL 101 or 102.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ITAL 402. Intermediate Accelerated Italian. 3 Credits.**

A continuation of ITAL 401, covers levels three and four in one semester.

Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses.

Students may not receive credit for both ITAL 402 and ITAL 203 or ITAL 204.

**Requisites:** Prerequisite, ITAL 102 or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**ITAL 503. Advanced Composition for Graduate Students. 3 Credits.**

Review of advanced grammar. Composition on a variety of topics designed to enhance writing proficiency in Italian. Training in the use of stylistic devices.

**Grading status:** Letter grade.

**ITAL 511. Survey of Italian Literature and Culture I (to 1600). 3 Credits.**  
Permission of the instructor for undergraduates. The survey is based on anthologies, with particular attention to authors and texts included in the current departmental reading lists.

**Grading status:** Letter grade.

**ITAL 512. Survey of Italian Literature and Culture II (1600 to present). 3 Credits.**

Permission of the instructor for undergraduates. See ITAL 511 for description.

**Grading status:** Letter grade.

**ITAL 526. History of the Italian Language. 3 Credits.**

The evolution of the Italian language from vulgar Latin. Substratum theory and the development of the various dialects. Codification of the literary standard during the Renaissance. "Questione della lingua.

**Requisites:** Prerequisites, ITAL 204 or 402; permission of the instructor.

**Grading status:** Letter grade.

**ITAL 691H. Honors Thesis. 3 Credits.**

Required of students reading for honors. Preparation of an essay under direction of a member of the faculty. Topics to be approved by thesis director in consultation with honors advisor.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ITAL 692H. Honors Thesis in Italian. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## PORT–Portuguese Undergraduate-level Courses

**PORT 101. Elementary Portuguese I. 3 Credits.**

Introduces the essential elements of Portuguese structure and vocabulary and aspects of Brazilian and Portuguese culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both PORT 101 and PORT 111 or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 102. Elementary Portuguese II. 3 Credits.**

Continues study of essential elements of Portuguese structure, vocabulary, and aspects of Brazilian and Portuguese culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both PORT 102 and PORT 111 or 401.

**Requisites:** Prerequisite, PORT 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 111. Intensive Elementary Portuguese. 6 Credits.**

Covers the material of the PORT 101 and 102 sequence in a single semester. Students may not receive credit for both PORT 111 and PORT 101, 102, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 203. Intermediate Portuguese I. 3 Credits.**

Further development of language with emphasis on speaking, writing, and a review of grammar. Includes advanced Portuguese structures, cultural and literary texts. Students may not receive credit for both PORT 203 and PORT 212 or 402.

**Requisites:** Prerequisite, PORT 102, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 204. Intermediate Portuguese II. 3 Credits.**

Continued development of language skills for communication. Further study of grammar. Students may not receive credit for both PORT 204 and PORT 212 or 402.

**Requisites:** Prerequisite, PORT 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 212. Intensive Intermediate Portuguese. 6 Credits.**

A continuation of PORT 111; covers the material of PORT 203 and 204 in one semester. Students may not receive credit for both PORT 212 and PORT 203, 204, or 402.

**Requisites:** Prerequisite, PORT 102, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 310. Intensive Oral Communication in Portuguese. 3 Credits.**

Development of speaking skills through discussion of media, popular music, and selected texts.

**Requisites:** Prerequisite, PORT 204 or 402.

**Grading status:** Letter grade.

**PORT 316. Brazilian Performance in Music and Dance: Capoeira. 3 Credits.**

Study of Brazilian capoeira from its roots to the present day. Focus on verbal and nonverbal discourse experienced through the rules, songs, movements, rhythms, rituals of capoeira. In English; credit for major/minor in Portuguese if readings and written work are done in Portuguese.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**PORT 323. Cultures of Brazil, Portugal, and Portuguese Africa. 3 Credits.**

Emphasizes the learning of Portuguese through cultural context. Language, society, and miscegenation will be approached through texts and films. Focus on important aspects of religion, festivities, and popular music from the Portuguese-speaking countries of three continents.

**Requisites:** Prerequisite, PORT 204 or 402.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**PORT 351. Portuguese Interpretation I. 3 Credits.**

Introduces the profession of interpreter: main interpretation models, history and theory, use of cognitive processes in developing skills, ethical standards, and best practices. Emphasis on expanding communicative and cultural competency while applying strategies in business, conference interpretation, education, health care, and law enforcement.

**Requisites:** Prerequisite, PORT 310 or 388.

**Grading status:** Letter grade.

**PORT 352. Portuguese Interpretation II. 3 Credits.**

Refines interpretation skills through continued study of theory and best practices in varied professional contexts. Focuses on enhancing linguistic competence, sight-translation, and mnemonic strategies. Increases cultural sensitivity to issues interpreters face in business, conference interpretation, education, health care, the hospitality industry, law, and social services.

**Requisites:** Prerequisite, PORT 351.

**Grading status:** Letter grade.

**PORT 354. Portuguese Translation I. 3 Credits.**

Introduction to translation theory, history and methods, and the basic elements of Portuguese-to-English and English-to-Portuguese translation through a variety of prose styles. Upon completion, students should be able to demonstrate usage and understanding of the elementary processes involved in translating.

**Requisites:** Prerequisite, PORT 323 or 385.

**Grading status:** Letter grade.

**PORT 355. Portuguese Translation II. 3 Credits.**

Refines translation skills in cultural and consumer-oriented, financial, legal, literary, medical, and technical domains. Emphasis on expanding written proficiency and refining style, translating representative texts from diverse populations in the United States and in Portuguese-speaking countries, and demonstrating advanced lexical and grammatical proficiency in Portuguese.

**Requisites:** Prerequisite, PORT 354.

**Grading status:** Letter grade.

**PORT 370. Modern Brazil through Literature and Film in Translation. 3 Credits.**

This course is devoted to the study of Brazilian culture and history through representative works of the late 19th- and early 20th-century literature with supplemental films. Taught in English. Available for major/minor credit in Portuguese if readings and written work are done in Portuguese.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**PORT 375. Portuguese and Brazilian Fiction in Translation. 3 Credits.**

The study of selected literary works by major writers from Portugal, Brazil, and the former Portuguese colonies in Africa.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**PORT 382. Women Writers: Brazil and Beyond. 3 Credits.**

Trajectory of women writers of the Portuguese-speaking world, with main focus on texts of the 20th and 21st century. Analysis of works within a social-historical and literary context.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**PORT 385. Verbal Art, Identities, and Nation in Portuguese-Speaking Africa. 3 Credits.**

Study of representative works of literature, oral tradition, popular music, and film from Lusophone Africa from the Age of Exploration through independence to the present. Focus on literary analysis, sociohistorical context, and cultures. Taught in English. Available for major/minor credit in Portuguese if readings and written work are done in Portuguese.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**PORT 387. Brazilian Religious Movements through Film and Literature. 3 Credits.**

Literary and cinematic representations of Candomblé, Sebastianism, Positivism, and Spiritism from late-19th through the 20th century. Focus on the penetration these forms of religiosity into mainstream Brazilian culture. Taught in English; credit for Portuguese major/minor if readings and work done in Portuguese.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**PORT 388. Portuguese, Brazilian, and African Identity in Film. 3 Credits.**

Study of the literary and cultural film production of the Portuguese-speaking world on three continents. Films in Portuguese with English subtitles.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**PORT 395. Research for Advanced Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. A tutorial for advanced students in Portuguese on a topic agreed upon by the student and a member of the faculty.

**Requisites:** Prerequisite, PORT 310 or 323.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**PORT 396. Independent Study in Portuguese. 3 Credits.**

Independent study on a selected topic in Luso-Brazilian literature and culture agreed upon by the student and a member of the faculty.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**PORT 398. Undergraduate Seminar in Portuguese. 3 Credits.**

A seminar on a previously announced subject.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PORT 401. Beginning Accelerated Brazilian Portuguese I. 3 Credits.**

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both PORT 401 and PORT 101, 102, 105 or 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**PORT 402. Intermediate Accelerated Brazilian Portuguese II. 3 Credits.**

A continuation of PORT 401, covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both PORT 402 and PORT 203, PORT 204 or PORT 212.

**Requisites:** Prerequisite, PORT 102, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.



**PORT 408. LAC Recitation. 1 Credit.**

Coregistration in a LAC course required. A recitation section for selected courses that promote foreign language proficiency across the curriculum (LAC). Weekly discussion and readings in Portuguese.

**Requisites:** Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 3 total completions.

**Grading status:** Letter grade.

**PORT 420. Portuguese Language and Culture for the Professions. 3 Credits.**

Training for effective oral and written communication in the professional world. Builds upon linguistic and sociolinguistic concepts, refining language and enhancing cultural proficiency through extensive writing and speaking practice. Vocabulary, readings and activities relate to social issues, business professions, and the workplace.

**Requisites:** Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN, CI.

**Grading status:** Letter grade.

**PORT 501. Survey of Portuguese Literature I. 3 Credits.**

An introduction to Portuguese literature from its origins through the 18th century.

**Requisites:** Prerequisite, PORT 204 or 402.

**Grading status:** Letter grade.

**PORT 526. History of the Portuguese Language. 3 Credits.**

Survey of the history of Portuguese with stress on the characteristics of Brazilian Portuguese and the factors underlying them.

**Requisites:** Prerequisite, PORT 402; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**PORT 530. Varieties of Portuguese. 3 Credits.**

Introduction to the linguistic analysis of Portuguese. Basic linguistic comparison of Portuguese dialects at different levels of linguistic structure. Emphasis on theoretical background in understanding language variation as a property of natural languages.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**PORT 535. Brazilian Drama. 3 Credits.**

A study of representative Brazilian plays of the 20th century with a review of the development of the theater in Brazil.

**Requisites:** Prerequisite, PORT 402; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**PORT 540. Cultural Topics from the Lusophone World. 3 Credits.**

Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite. This course examines trends in the cultural production of the Lusophone world from the 19th century to the present, including philosophy, art, film, music, and social practices in Portugal, Brazil, and Lusophone Africa. Topics may include artistic movements, race, class, gender, colonialism, and religion.

**Gen Ed:** CI, GL.

**Grading status:** Letter grade.

**PORT 691H. Honors Thesis. 3 Credits.**

Required of all students reading for honors. Preparation of an essay under the direction of a faculty member. Topic to be approved by thesis director in consultation with honors advisor.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**PORT 692H. Honors Thesis in Portuguese. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## ROML—Romance Languages

### Undergraduate-level Courses

**ROML 50. First-Year Seminar: The Art and Science of Language: Orality and Literacy in the Information Age. 3 Credits.**

Students examine the expressive use of language in oral and written texts. Particular emphasis is placed on the contribution of the cognitive sciences to an understanding of how humans communicate.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ROML 51. First-Year Seminar: National and Cultural Identities in the Romance Areas. 3 Credits.**

Explores the development of national identities in the Romance world, focusing on conscious and unconscious attitudes toward language that helped fashion the four major Romance languages.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ROML 51H. First-Year Seminar: National and Cultural Identities in the Romance Areas. 3 Credits.**

Explores the development of national identities in the Romance world, focusing on conscious and unconscious attitudes toward language that helped fashion the four major Romance languages.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ROML 52. First-Year Seminar: The Value of Language in Identity: Hispanics in the United States. 3 Credits.**

This course explore the cultural challenges for Spanish-speaking immigrants in the United States, particularly the importance of language in culture and identity.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ROML 53. First-Year Seminar: Oral Histories of Our Local Hispanic Community. 3 Credits.**

Introduces students to procedures for gathering, transcribing, and analyzing oral histories and to issues related to the growing Hispanic population at both the national and local levels.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ROML 54. First-Year Seminar: Issues in Francophone Literature. 3 Credits.**

Studies such issues as national identities and national memory; the impact of colonization, postcolonialism, and globalization; conflicts between tradition and modernity; and the place of women in history.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ROML 55. First-Year Seminar: Writing with an Accent: Latino Literature and Culture. 3 Credits.**

A study of the literary production of Hispanics living in the United States. Examines works by Chicano, Puerto Rican, Nuyorican, Dominican, and Cuban American writers.

**Gen Ed:** LA.

**Grading status:** Letter grade.



**ROML 55H. First-Year Seminar: Writing with an Accent: Latino Literature and Culture. 3 Credits.**

A study of the literary production of Hispanics living in the United States. Examines works by Chicano, Puerto Rican, Nuyorican, Dominican, and Cuban American writers.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ROML 56. First-Year Seminar: Italians in Search of Harmony. 3 Credits.**

This course explores the concept of harmony in selected Italian writers from Dante to contemporary film directors.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ROML 58. First-Year Seminar: Mexican Women across Borders and Genres. 3 Credits.**

Participants read poems, letters, stories, and short novels by Mexican women of the 20th century. Focus on gender and transgression, feminism, identity formation, and marginality. Selections from Elena Poniatowska, Sandra Cisneros, Cristina Rivera Garza, Ana Clavel, and Ángeles Mastretta, among others.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**ROML 60. First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities. 3 Credits.**

Students study Spanish language and Latino cultures through the lens of social entrepreneurship, a process of opportunity recognition, resource gathering, and value creation that brings sustainability to a social mission.

**Gen Ed:** CI, EE- Service Learning.

**Grading status:** Letter grade.

**ROML 61. First-Year Seminar: Language in Autism and Developmental Disorders. 3 Credits.**

In the United States, 17 percent of children have a developmental disability. How do they learn and use language to communicate, socialize, and achieve goals? How do we improve their language skills? This course examines these and other questions and helps students understand and carry out research with special populations.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**ROML 62. First-Year Seminar: What Happened to Latin?. 3 Credits.**

Analysis of how Latin transformed the linguistic configuration of the world and its lasting impact on culture and science. No previous knowledge of Latin or of any Romance language necessary to enroll.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade.

**ROML 89. First -Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary by each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**ROML 89H. First -Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary by each semester.

**Grading status:** Letter grade.

**ROML 194. Service Learning in Romance Studies. 1 Credit.**

Permission of the instructor. Service learning component for students enrolled in Romance Studies APPLES courses. May not count toward any major or minor offered in the department.

**Gen Ed:** EE- Service Learning.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Letter grade.

**ROML 229. Literature in the Romance Languages. 3 Credits.**

An introduction to literature in the Romance languages. All readings in English translation. Focus and readings will vary.

**Grading status:** Letter grade.

**ROML 229H. Literature in the Romance Languages. 3 Credits.**

An introduction to literature in the Romance languages. All readings in English translation. Focus and readings will vary.

**Grading status:** Letter grade.

**ROML 280. Social Theory and Cultural Diversity. 3 Credits.**

Introduction to basic paradigms of thinking about cultural difference (race, gender, nationality, religion, etc.), shaping how we act, think, and imagine as members of diverse cultures.

**Grading status:** Letter grade.

**ROML 293. Internship in Romance Studies. 3 Credits.**

Required preparation, two courses numbered above FREN/ITAL/PORT/SPAN 204. An opportunity to obtain credit for an internship requiring regular use of French, Italian, Portuguese, or Spanish while working in an organization in the United States or abroad. Does not count toward the major. Permission of the department. Open to majors and minors only.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**Advanced Undergraduate and Graduate-level Courses****ROML 500. Research Methods for Romance Languages and European Studies. 3 Credits.**

Required preparation, B.A. with honors student or M.A. student. Provides training in research methodology for a B.A. with honors or M.A. thesis. Students will learn to conceptualize an original research project and to identify and assess the current intellectual debates in their chosen areas of research.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**ROML 600. Masters Workshop on Theory. 3 Credits.**

This graduate seminar consists of a series of in-depth studies of several major contemporary approaches to literary theory. Designed primarily as an elective for masters candidates in Romance Languages, this course aims to prepare students for advanced literature and literary theory courses.

**Grading status:** Letter grade.

**ROML 650. The Politics of Remembering: Memory, History, and Power in 20th-Century Europe. 3 Credits.**

Interdisciplinary, comparative, and multimedia approach to the question of memory and history in 20th-century Europe. Explores individual memory, collective memory, and commemoration. Survey of interdisciplinary approaches to the field and an examination of historical sites through the narratives of mental illness, fiction, memoir, testimonial literature, photography, and film.

**Grading status:** Letter grade.

**ROML 660. Film and Culture in Brazil and Spanish America. 3 Credits.**

Critical examination of 20th-century Latin American cultural history in Brazil and Spanish-speaking countries, including Mexico, Cuba, El Salvador, Peru, Colombia, and Argentina. Course is framed between late 19th-century modernization and the contemporary discussion on globalization.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ROML 665. Reading Latin American Film and Photography. 3 Credits.**

Required preparation, one Spanish or Portuguese major-level literature course or permission of the instructor. Critical readings of photography through the lens of Brazilian and Spanish-American written, photographic, and film archives. This course is designed for graduate and advanced undergraduate students and considers current theoretical movements in photography alongside the historical, political, and aesthetic debates shaping the field of Latin American visual culture.

**Gen Ed:** VP, BN.

**Grading status:** Letter grade.

**ROML 698. Seminar in Romance Languages: Capstone Course. 3 Credits.**

Capstone course.

**Grading status:** Letter grade.

## SPAN–Spanish Undergraduate-level Courses

**SPAN 100. Elementary Spanish Review. 3 Credits.**

Online course that includes essentials of elementary Spanish. Designed for students with previous study who place into first-semester Spanish. Upon successful completion students will enroll in SPAN 102. Students may not receive credit for both SPAN 100 and SPAN 101, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 101. Elementary Spanish I. 3 Credits.**

Introduces the essential elements of Spanish structure and vocabulary and cultural aspects of the Spanish-speaking world. Aural comprehension, speaking, reading, and writing are stressed. Students may not receive credit for both SPAN 101 and SPAN 100, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 102. Elementary Spanish II. 3 Credits.**

Continues the study of the essential elements of Spanish structure, vocabulary, and the cultural aspects of the Spanish-speaking world. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both SPAN 102 and SPAN 105, 111, 401, or 404.

**Requisites:** Prerequisite, SPAN 100 or 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 102H. Elementary Spanish II. 3 Credits.**

Continues the study of the essential elements of Spanish structure, vocabulary, and the cultural aspects of the Spanish-speaking world. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both SPAN 102 and SPAN 105, 111, 401, or 404.

**Requisites:** Prerequisite, SPAN 100 or 101.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 105. Spanish for High Beginners. 4 Credits.**

Accelerated course that covers SPAN 101 and 102 for students with previous study of Spanish. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both SPAN 105 and SPAN 102, 111, 401, or 404.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 111. Intensive Elementary Spanish. 6 Credits.**

Permission of the instructor. Covers the material of the SPAN 101 and 102 sequence in a single semester. Students may not receive credit for both SPAN 111 and SPAN 100, 101, 102, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 203. Intermediate Spanish I. 3 Credits.**

Develops language skills for communication. Review of elementary Spanish. Expands awareness of the Spanish-speaking world through readings and discussion of representative texts. Students may not receive credit for both SPAN 203 and SPAN 212, 402, or 405.

**Requisites:** Prerequisite, SPAN 102, 104, 105, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 203H. Intermediate Spanish I. 3 Credits.**

Develops language skills for communication. Review of elementary Spanish. Expands awareness of the Spanish-speaking world through readings and discussion of representative texts. Students may not receive credit for both SPAN 203 and SPAN 212, 402, or 405.

**Requisites:** Prerequisite, SPAN 102, 104, 105, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 204. Intermediate Spanish II. 3 Credits.**

Continued development of language skills for communication. Considers finer points of linguistic structure. Expands awareness of Spanish culture through reading, inquiry, and class discussion. Students may not receive credit for both SPAN 204 and SPAN 212 or 402.

**Requisites:** Prerequisite, SPAN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 204H. Intermediate Spanish II. 3 Credits.**

Continued development of language skills for communication. Considers finer points of linguistic structure. Expands awareness of Spanish culture through reading, inquiry, and class discussion. Students may not receive credit for both SPAN 204 and SPAN 212 or 402.

**Requisites:** Prerequisite, SPAN 203.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 212. Intensive Intermediate Spanish. 6 Credits.**

A continuation of SPAN 111; covers the material of SPAN 203 and 204 in one semester. Students may not receive credit for both SPAN 212 and SPAN 203, 204, or 402.

**Requisites:** Prerequisite, SPAN 102, 105, or 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 250. Language through Culture and Literature. 3 Credits.**

Emphasis on further development and refinement of speaking, listening, reading, and writing skills, including review of grammar. Study of cultural and literary texts.

**Requisites:** Prerequisite, SPAN 204, 212, or 402.

**Grading status:** Letter grade.

**SPAN 252. Argentine Jewish Culture. 3 Credits.**

An introduction to the study of Jewish culture in Argentina, using different cultural products as an approach to understanding the process whereby Jews in Argentina moved from being poor immigrants to having prominent roles in the society. Restricted to students in the Buenos Aires summer study abroad program.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SPAN 253. Argentine Jewish Film. 3 Credits.**

Students experience Buenos Aires through films. Studying the historical and social background through readings, films, and visits to the sites where Jewish life in Buenos Aires is taking place helps students make authentic connections between fiction and reality. Restricted to students in the Buenos Aires summer study abroad program.

**Gen Ed:** VP, EE- Study Abroad.

**Grading status:** Letter grade.

**SPAN 255. Conversation I. 3 Credits.**

Introductory conversation. Builds oral proficiency and awareness of Hispanic culture. Emphasizes vocabulary and grammatical accuracy; writing activities support speaking. Not open to native speakers. Students may not receive credit for both SPAN 255 and SPAN 266.

**Requisites:** Prerequisite, SPAN 204, 212, or 402.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**SPAN 255H. Conversation I. 3 Credits.**

Introductory conversation. Builds oral proficiency and awareness of Hispanic culture. Emphasizes vocabulary and grammatical accuracy; writing activities support speaking. Not open to native speakers. Students may not receive credit for both SPAN 255 and SPAN 266.

**Requisites:** Prerequisite, SPAN 204, 212, or 402.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**SPAN 261. Advanced Spanish in Context. 3 Credits.**

Fifth semester Spanish course required for all majors and minors that uses literature, film, and culture as a basis for reviewing grammatical concepts, developing writing competency, and improving overall communication skills. Students may not receive credit for both SPAN 261 and SPAN 267, 300, or 326.

**Requisites:** Prerequisite, SPAN 204.

**Grading status:** Letter grade.

**SPAN 266. Spanish Conversation for Heritage Learners. 3 Credits.**

Spanish conversation for native speakers. Develops vocabulary and standard grammar skills, supports research in the history and lives of Hispanics in the United States. First in two-course sequence with SPAN 326. Students may not receive credit for both SPAN 266 and SPAN 255.

**Requisites:** Prerequisite, SPAN 204.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**SPAN 267. Advanced Spanish in Context for Heritage Learners. 3 Credits.**

Fifth semester Spanish course, designed specifically for Heritage learners, required for all majors and minors. Uses literature, film, and culture as a basis for reviewing grammatical concepts, developing writing competency, and improving overall communication skills. Students may not receive credit for SPAN 267 and SPAN 261, SPAN 300, or SPAN 326.

**Requisites:** Prerequisite, SPAN 204; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**SPAN 270. Contemporary Spanish American Prose Fiction in Translation. 3 Credits.**

Narrative works of Borges, Cortázar, García Márquez, and other contemporary Spanish American writers.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 275. Masterpieces of Spanish Literature in Translation. 3 Credits.**

Representative Spanish authors from the Middle Ages to the present.

**Grading status:** Letter grade.

**SPAN 280. Cervantes in English Translation. 3 Credits.**

Study and discussion of Don Quijote with consideration of the Exemplary Novels and the background of Renaissance prose.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**SPAN 292. Approaches to Spanish Language Teaching. 3 Credits.**

Permission of the program director based on oral proficiency interview. Students must have advanced proficiency in Spanish. Students learn and implement fundamentals of foreign language instruction as peer tutors for elementary Spanish courses. Students may take course twice for credit. May not count toward the major or minor in Spanish.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**SPAN 294. Online Grammar Review. 1 Credit.**

This Pass/Fail one-credit hour course is designed for students who have successfully completed SPAN 204 (or its equivalent) and have been informed by their instructor that they would benefit from additional review of grammar. SPAN 294 can be taken in conjunction with other fifth-semester courses.

**Grading status:** Pass/Fail.

**SPAN 300. Spanish Composition and Grammar Review. 3 Credits.**

Advanced grammar and composition designed to improve grammatical analysis, accuracy, and develop writing skills, using process and task-oriented approaches.

**Requisites:** Prerequisite, SPAN 255 or 261; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**SPAN 300H. Spanish Composition and Grammar Review. 3 Credits.**

Intensive grammar review and composition designed to improve accuracy and develop writing skills, using process and task-oriented approaches.

**Requisites:** Prerequisite, SPAN 250, 255, or 260.

**Grading status:** Letter grade.

**SPAN 301. Introduction to Literary and Cultural Analysis. 3 Credits.**

Prepares students to formulate and communicate critical analyses of literary works in at least three genres chosen from theater, poetry, essay, narrative, and film while situating the readings within a cultural context. Students will improve Spanish language proficiency and appreciation of different world views through literature and culture. Previously offered as SPAN 260. Students may not receive credit for both SPAN 301 and SPAN 260 or 302.

**Requisites:** Prerequisite, SPAN 261.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 302. Literary and Cultural Analysis for Heritage Learners. 3 Credits.**

Designed for heritage learners, prepares students to formulate and communicate critical analyses of literary works in at least three genres chosen from theater, poetry, essay, narrative, and film while situating the readings within a cultural context. Students will gain appreciation of different world views through literature and culture. Previously offered as SPAN 262; students may not receive credit for SPAN 302 and 260 or 301.

**Requisites:** Prerequisite, SPAN 261 or 267; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 308. LAC Recitation. 1 Credit.**

Permission of the instructor for students lacking the prerequisite. A recitation section for LAC courses. May not count toward the major or minor in Spanish.

**Requisites:** Prerequisite, SPAN 204; Coregistration in a specified LAC course required.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading status:** Letter grade.

**SPAN 310. Conversation II. 3 Credits.**

Expands speaking skills through vocabulary building, discussion of texts, and conversation. Ongoing development of writing skills. Not open to native speakers.

**Requisites:** Prerequisite, SPAN 250 or 255.

**Grading status:** Letter grade.

**SPAN 320. Spanish for Business. 3 Credits.**

All-skills course with review of grammar and extensive writing and speaking practice. Vocabulary, readings, and activities geared toward the language of business professions in the context of the United States Hispanic community.

**Requisites:** Prerequisite, SPAN 261.

**Grading status:** Letter grade.

**SPAN 321. Spanish for the Medical Professions. 3 Credits.**

All-skills course with review of grammar, extensive writing and speaking practice. Vocabulary, readings, and activities geared toward the language of health care professions in the context of the United States Hispanic community. Open only to students in the minor in Spanish for the professions.

**Requisites:** Prerequisite, SPAN 261.

**Grading status:** Letter grade.

**SPAN 323. Spanish for the Legal Professions. 3 Credits.**

All-skills course with review of grammar and extensive writing and speaking. Vocabulary, readings, and activities geared toward the language of legal professions within the context of the Hispanic community. Open only to students in the minor in Spanish for the professions.

**Requisites:** Prerequisite, SPAN 261.

**Grading status:** Letter grade.

**SPAN 324. Spanish for the Legal Professions (Second Semester). 3 Credits.**

Second semester, all-skills course with extensive writing and speaking practice, and grammar review. Vocabulary, readings, and activities geared toward the language of law professions in the context of the United States Hispanic community.

**Requisites:** Prerequisites, SPAN 261 and 323.

**Grading status:** Letter grade.

**SPAN 325. Spanish for Business (Second Semester). 3 Credits.**

Second semester, all-skills course with extensive writing and speaking practice, including grammar review. Vocabulary, readings, and activities geared toward the language of business professions in the context of the United States Hispanic community.

**Requisites:** Prerequisites, SPAN 261 and 320.

**Grading status:** Letter grade.

**SPAN 328. Spanish for the Medical Professions (Second Semester). 3 Credits.**

Second semester, all-skills course with extensive writing and speaking practice, including grammar review. Vocabulary, readings, and activities geared toward the language of health care professions in the context of the United States Hispanic community.

**Requisites:** Prerequisites, SPAN 261 and 321.

**Grading status:** Letter grade.

**SPAN 329. Spanish for Professional and Community Engagement. 3 Credits.**

Seventh-semester capstone course applying skills in Spanish language and cultures to professional and community contexts. Assignments include professional documents, community service work and projects, and a research project. Open only to students in the minor in Spanish for the professions.

**Requisites:** Prerequisite, SPAN 320, 321, 322, 323, or 327.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**SPAN 338. Trans-Atlantic Cultural Topics. 3 Credits.**

Cultural history of Spain and Spanish America from the 16th century to the 21st century. Explores trans-Atlantic dimensions of Spanish and Spanish American cultures and the elements that have shaped those societies and their cultural traditions during the periods studied. Formerly offered as SPAN 331.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**SPAN 340. Iberian Cultural Topics. 3 Credits.**

This course studies trends in thought, art, film, music, and social practices in the Iberian context, and includes the study of Spain's historical nationalities. Topics may include nationalism, ethnicity, race, class, gender, migration, and popular culture.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**SPAN 344. Latin@ American Cultural Topics. 3 Credits.**

This course studies trends in thought, art, film, music, social practices, in the Spanish speaking Americas, including the United States. Topics may include colonialism, race, class, ethnicity, modernization, ecology, religion, gender, and popular culture.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Gen Ed:** BN, GL.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.



**SPAN 351. Spanish Interpretation I. 3 Credits.**

Introduces the profession of interpreter: main interpretation models, history and theory, use of cognitive processes in developing skills, ethical standards, and best practices. Emphasis on expanding communicative and cultural competency while applying strategies in business, conference interpretation, education, health care, law, and law enforcement.

**Requisites:** Prerequisite, SPAN 261 or 267, and SPAN 300.

**Grading status:** Letter grade.

**SPAN 352. Spanish Interpretation II. 3 Credits.**

Refines interpretation skills through continued study of theory and best practices in varied professional contexts. Focuses on enhancing linguistic competence, sight-translation, and mnemonic strategies. Increases cultural sensitivity to issues interpreters face in business, conference interpretation, education, health care, the hospitality industry, law, and social services.

**Requisites:** Prerequisite, SPAN 351.

**Grading status:** Letter grade.

**SPAN 360. Introduction to Hispanic Linguistics. 3 Credits.**

Introduction to the linguistic study of sound, meaning, grammatical form, dialectal and sociolinguistic variation, with a particular focus on modern Spanish and the languages of Spain and Latin America. Previously offered as SPAN/LING 377.

**Requisites:** Prerequisite, SPAN 300.

**Grading status:** Letter grade

**Same as:** LING 360.

**SPAN 361. Hispanic Film. 3 Credits.**

Study of contemporary cultural, historical, and aesthetic issues through narrative film, documentary, and other media from Latin America and Spain.

**Requisites:** Prerequisite, SPAN 261 or SPAN 267.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**SPAN 369. Introduction to Translation. 3 Credits.**

Theory and practice of translation through a dual approach of conceptual readings and classroom discussion and workshops in interdisciplinary fields. Emphasizes cultural role of the translator as mediator.

**Requisites:** Prerequisites, SPAN 261 or 267, and 300.

**Grading status:** Letter grade.

**SPAN 370. Spanish Translation II. 3 Credits.**

Translation as product and process. Examines the concept of cultural fluidity in 21st-century translation theory vis-à-vis 20th-century notions of untranslatability. Refines translation skills in cultural, financial, legal, literary, medical, and technical domains. Emphasis on expanding written proficiency and refining style.

**Requisites:** Prerequisite, SPAN 369.

**Grading status:** Letter grade.

**SPAN 371. Studies in Spanish Literature. 3 Credits.**

Study of the literatures of Spain centering on representative authors and texts from various literary movements, situated within their sociohistorical contexts.

**Requisites:** Prerequisite, SPAN 301 or 302.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 373. Studies in Latin American Literature. 3 Credits.**

The literature of Spanish America from pre-Colombian times to the present. Representative authors and texts from various literary movements will be studied in their sociohistorical contexts.

**Requisites:** Prerequisites, SPAN 301 or 302.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 374. Mesoamerica through Its Native Literatures. 3 Credits.**

Literature of the Mayas, Aztecs, and their neighbors from the Pre-Columbian period to the present. Historical, cultural, and religious information with discussions of the complexity and variation of intercultural ways of life. A comparative approach includes the aesthetic similarities, differences, and rhetorical strategies employed by indigenous writers.

**Requisites:** Prerequisite, SPAN 301 or 302.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SPAN 375. Spanish of the United States. 3 Credits.**

Study of the Spanish found today in the United States, its history and characteristics, and the socioeconomic repercussions of its presence in contact with English.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Gen Ed:** NA.

**Grading status:** Letter grade.

**SPAN 376. Phonetics and Phonology. 3 Credits.**

Introduction to the description of sound systems with a focus on Spanish. Includes the study of the historical development of Spanish and its areal and social variation in Spain, Latin America, and the United States.

**Requisites:** Prerequisite, SPAN 300.

**Grading status:** Letter grade

**Same as:** LING 376.

**SPAN 378. Afro-Hispanic Language Contacts. 3 Credits.**

Introduction to the study of Spanish in contact with African languages in the Iberian Peninsula and Latin America since the beginning of the slave trade. Linguistic analysis of literary texts from a variety of eras will assess how contact with the African diaspora has had a permanent impact on contemporary Spanish.

**Requisites:** Prerequisite, SPAN 360 or 376.

**Grading status:** Letter grade.

**SPAN 379. Aesthetics of Violence in Latina/o American Fiction. 3 Credits.**

The course explores the aesthetics of violence in contemporary Latina/o American fiction, paying attention to historical memory, rewritings of history, and the formation of otherness and marginality. Selections from Junot Díaz, Graciela Limón, Daniel Alarcón, Santiago Roncagliolo, Horacio Castellanos Moya, Roberto Bolaño, and Orfa Alarcón, among others.

**Requisites:** Prerequisites, SPAN 301 or 302, and 373.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 380. Studies in Spanish Drama. 3 Credits.**

Spanish-language theater. Specific topics to be announced in advance by the instructor.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading status:** Letter grade.

**SPAN 381. Studies in Spanish and Spanish American Poetry. 3 Credits.**

Specific topics to be announced in advance by the instructor.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading status:** Letter grade.



**SPAN 382. Studies in Spanish Prose. 3 Credits.**

Selected works of prose from the Spanish canon organized by topic or theme.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading status:** Letter grade.

**SPAN 383. Medieval Spanish Literature. 3 Credits.**

A survey of lyric poetry, drama, prose, and genres peculiar to the literature before 1500.

**Requisites:** Prerequisite, SPAN 371.

**Grading status:** Letter grade.

**SPAN 384. Spanish Renaissance. 3 Credits.**

A survey of poetry, drama, and prose of the 16th century.

**Requisites:** Prerequisite, SPAN 371.

**Grading status:** Letter grade.

**SPAN 385. Contemporary Spanish American Prose Fiction. 3 Credits.**

A study of the cultural, political, and aesthetic dimensions of the novels and short stories of selected contemporary Spanish American writers such as Borges, Cortázar, García Márquez, Puig, etc.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading status:** Letter grade.

**SPAN 386. Literature and Politics in Central America. 3 Credits.**

The course will explore the most prominent authors of Central America (Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica, and the United States) since the 1950s. Critical analysis of their poetry, short stories, novels, testimonial narratives, and films.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SPAN 387. Eroticism in Contemporary Latin American Literature. 3 Credits.**

Literary manifestations of love, sexuality, and eroticism as social and political metaphors of contemporary Latin America. Selections from Sor Juana, Agustini, Darío, López Velarde, and Neruda with more emphasis on 20th-century works by writers like Donoso, Vargas Llosa, García Márquez, Poniatowska, Rivera Garza, and Montero.

**Requisites:** Prerequisite, SPAN 373.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SPAN 388. Narratives of the Mexican Revolution. 3 Credits.**

Analysis of historical and literary writing, cinematic productions, and popular corridos produced in response to the Mexican Revolution. In addition to exposure to significant milestones in the development of Mexican literature, students will strengthen their Spanish reading ability and sharpen critical skills.

**Requisites:** Prerequisites, SPAN 301 or 302, and 373.

**Gen Ed:** LA.

**Grading status:** Letter grade.

**SPAN 389. Outside Cuba: Diasporic Literature and Culture. 3 Credits.**

An overview of the literary and cultural production (essays, novels, short stories, plays, music, film) of Cubans living in the diaspora after the Cuban revolution.

**Requisites:** Prerequisite, SPAN 373.

**Grading status:** Letter grade.

**SPAN 394. Creative Writing in Spanish. 3 Credits.**

Workshop designed to develop critical communication skills through student short-story writing in Spanish, with an introduction to influential texts on the craft of writing by authors such as Horacio Quiroga, Julio Garmendia, Felisberto Hernández, Augusto Roa Bastos, Juan Bosch, Jorge Luis Borges, and Julio Cortázar.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**SPAN 395. Research for Advanced Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. Research project for advanced students on a topic agreed upon by the student and faculty member.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**SPAN 397. Undergraduate Seminar in Language and Linguistics. 3 Credits.**

Seminar on a previously announced topic.

**Requisites:** Prerequisite, SPAN 360 or 376.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**SPAN 398. Undergraduate Seminar in Literature and Culture. 3 Credits.**

Permission of the instructor for students lacking the prerequisites. A seminar on a previously announced subject.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****SPAN 401. Beginning Accelerated Spanish. 3 Credits.**

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both SPAN 401 and SPAN 101, 102, 105 or 111.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 402. Intermediate Accelerated Spanish. 3 Credits.**

A continuation of SPAN 401, covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both SPAN 402 and SPAN 203, SPAN 204 or SPAN 212.

**Requisites:** Prerequisite, SPAN 102, 105, 111, or 401.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 404. Elementary Spanish for Health Professionals. 3 Credits.**

Distance course requiring access to the Internet. Focuses on communication within the context of Latino/a immigrant culture in health care settings. Students may not receive credit for both SPAN 404 and SPAN 102 or 105.

**Grading status:** Letter grade.

**SPAN 405. Intermediate Spanish for Health Care Professionals. 3 Credits.**

Distance course requiring access to the Internet. Focuses on improving communication within the context of Latino/a immigrant culture in health care settings. This course is equivalent to SPAN 203 (Intermediate Spanish I) and therefore fulfills the foreign language requirement. Students may not receive credit for both SPAN 405 and SPAN 203.

**Requisites:** Prerequisite, SPAN 102 or 404.

**Gen Ed:** FL.

**Grading status:** Letter grade.

**SPAN 414. Languages of Spain I. 3 Credits.**

Study of the language and culture of one of the languages of Spain other than Spanish. Selection will vary according to term: Catalan, Euskera (Basque), Galician.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**SPAN 415. Languages of Spain II. 3 Credits.**

Continuation of the study of the language and culture of one of the languages of Spain other than Spanish. Selection will vary according to term: Catalan, Euskera, Galician.

**Requisites:** Prerequisite, SPAN 414.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**SPAN 416. Languages of the Americas I. 3 Credits.**

Study of the language and culture of one of the languages of Spanish America other than Spanish. Selection will vary according to term: Mayan, Nahuatl, Quechua, Guarani.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**SPAN 417. Languages of the Americas II. 3 Credits.**

Continuation of the study of the language and culture of one of the languages of Spanish America other than Spanish. Selection will vary according to term: Mayan, Nahuatl, Quechua, Guarani.

**Requisites:** Prerequisite, SPAN 416.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**SPAN 601. Spanish for Reading. 3 Credits.**

For students with no background in Spanish or those needing a review of grammatical structures and vocabulary in preparation for the reading knowledge exam for graduate students (FLPA).

**Grading status:** Letter grade.

**SPAN 613. Colonial and 19th-Century Spanish American Literature. 3 Credits.**

Advanced survey of literary works from 16th- through 19th-century Spanish America, with emphasis on their rhetorical foundations and historical, political, and aesthetic connections.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading status:** Letter grade.

**SPAN 614. Modernist and Contemporary Spanish American Literature. 3 Credits.**

Advanced survey of Spanish American works from the 1880s through the present, with emphasis on their rhetorical foundations and historical, cultural, political, and aesthetic connections.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading status:** Letter grade.

**SPAN 617. Cervantes and the Quijote. 3 Credits.**

Close reading of Cervantes' Quijote and selected Novelas ejemplares, with consideration of the background of Renaissance prose (romance of chivalry, pastoral, and sentimental novel) in relation to 16th-century historiography.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading status:** Letter grade.

**SPAN 620. Women in Hispanic Literature. 3 Credits.**

The image of woman in 16th- and 17th-century Hispanic literature. A study of texts by Spanish and Spanish American authors. Readings in Spanish or in English translation. Lectures in English.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading status:** Letter grade

**Same as:** WGST 620.

**SPAN 621. Literary and Cultural History of the Spanish Language. 3 Credits.**

A historical study of the cultural and societal factors that influence the evolution of the Spanish language and its literature, from its first written documents in the ninth century to literatures written in Spanglish today.

**Requisites:** Prerequisite, SPAN 301 or 302; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**SPAN 625. Indigenous Literatures and Cultures of the Américas. 3 Credits.**

Panoramic view of indigenous literatures in the Américas through a study of a variety of indigenous textual production including chronicles, manifestos, novels, testimonial narratives, short stories, poetry, artistic production, and film.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**SPAN 630. Literature and the Visual Arts in Spain. 3 Credits.**

Study of the literature of the Iberian Peninsula and developments in the visual arts from the Middle Ages to the early 20th century.

**Grading status:** Letter grade.

**SPAN 650. The Spanish Comedia of the Golden Age. 3 Credits.**

A comprehensive study of the Golden Age Spanish theater from its Renaissance beginnings through the 17th century.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading status:** Letter grade.

**SPAN 661. Film Studies: Iberia and the Americas. 3 Credits.**

Advanced study of the history and theory of film produced in the Spanish- and Portuguese-speaking worlds for beginning graduate students and advanced undergraduates. Readings in film history and theory will build students' knowledge in cultural, political, and aesthetic issues. Class discussions emphasize critical and analytical thought.

**Requisites:** Prerequisite, SPAN 361; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** VP, GL.

**Grading status:** Letter grade.

**SPAN 676. Advanced Spanish Phonology. 3 Credits.**

Topics in Spanish phonology from a range of theoretical perspectives. Autosegmental theory, optimality theory (OT), syllable structure, stress and accent, and the interaction of phonology and morphology.

**Requisites:** Prerequisite, SPAN 376; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**SPAN 677. Spanish Syntax. 3 Credits.**

Why do we say in Spanish "me gusta" ("to me pleases") for "I like it"? Syntax studies how words associate in larger structures. This class provides the tools to understand the forms of different varieties of Spanish.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**SPAN 678. History of the Spanish Language. 3 Credits.**

SPAN 376 desirable. A theoretical study of the evolution of Spanish from classical and spoken Latin, focusing on phonological, morphological, and syntactic phenomena. Intended for linguistics majors.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** LING 678.

**SPAN 679. Spanish Pragmatics. 3 Credits.**

This course is an introduction to the study of meaning and language use, with a focus on Spanish. Includes discussion of the classical texts in the field as well as analysis of a variety of data (corpora, fieldwork, and experimental materials).

**Requisites:** Prerequisite, SPAN 360.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SPAN 680. First- and Second-Language Acquisition of Spanish. 3 Credits.**

Why and how do children learn language so easily, and why is it so difficult for adults to learn a second language? This course examines these and related questions in the light of current theories of first and second language acquisition, with a focus on Spanish.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SPAN 681. Spanish Semantics. 3 Credits.**

This course is an upper undergraduate/graduate-level introduction to the study of the meaning of words and sentences, with a focus on Spanish. It covers the following topics: truth-conditional theories of meaning, modality, quantification, reference, tense and aspect, Aktionsart. The course also addresses cross-linguistic data collection, e.g., field work and experimental methods.

**Requisites:** Prerequisite, SPAN 360.

**Grading status:** Letter grade.

**SPAN 682. Spanish Sociolinguistics. 3 Credits.**

Interdisciplinary approach to studying the Spanish language as a social and cultural phenomenon. Explores the relationship between language and culture, communicative competence and pragmatics, social and linguistic factors in language variation and change, attitudes toward language and language choice, linguistic prejudice and language myths, and language and identity.

**Requisites:** Prerequisite, SPAN 360, 376, or 378.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SPAN 683. Guaraní Linguistics. 3 Credits.**

Guaraní, an official language of Paraguay, is the only indigenous language in the Americas (and possibly in the world) that is spoken natively by a nonindigenous majority. This seminar explores the linguistics of Guaraní: its typology, history, grammar, and sociolinguistics.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** BN, GL.

**Grading status:** Letter grade.

**SPAN 691H. Honors Thesis. 3 Credits.**

Required of students reading for honors. Preparation of an essay under the direction of a faculty member. Topic to be approved by thesis director in consultation with honors advisor.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**SPAN 692H. Honors Thesis in Spanish. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Romance Languages Major, B.A. – French and Francophone Studies

### Contact Information

**Department of Romance Studies**

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The French major provides students with a more thorough command of the language, as well as a comprehensive knowledge of the literatures, cultures, and civilization of the francophone world. French majors are also trained in research methodology in French, Francophone, and European studies.

French majors have gone on to careers in education, international business, law, journalism, publishing, social work, and health, as well as graduate study in French. The diverse offerings of the program include courses such as French civilization, business French, advanced oral and written French, introduction to French and Francophone literatures, the role of France in Europe today, and identities in European cinema.

## Department Programs

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.—Italian (p. 866)
- Romance Languages Major, B.A.—Portuguese (p. 869)
- Romance Languages Major, B.A.—Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 875)

### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses

- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
FREN 260 or FREN 312	Literature and the French-Speaking World <sup>H</sup> French University Methodology through Literature	3
<b>Core Requirements</b>		
FREN 300	French Composition and Grammar Review	3
Three survey courses chosen from the following:		9
FREN 370	Survey of French Literature I	
FREN 371	Survey of French Literature II	
FREN 372	Survey of French Literature III	
FREN 374	Survey of French Literature IV	
Four additional courses, chosen from:		12
FREN 280	French "Discoveries" of the Americas in Translation	
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation	
FREN 286	Food for Thought: The Culture of Cuisine in Modern France	
or any FREN courses 310 or above (excluding FREN 401, FREN 402, and FREN 692H)		
Total Hours		27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

French (FREN) course descriptions (p. 845).

We offer a strong emphasis on European and francophone studies as well as the Languages across the Curriculum Program (LAC) (p. 114), which allows students to participate in one-hour, one-credit discussion sections in French on an array of courses across the College of Arts and Sciences.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

This plan assumes a placement of FREN 105 on the Foreign Language placement test. Student placement (and plans) may vary. Although it is possible to complete the French and Francophone studies major if a student begins with FREN 101, summer school, study abroad, or

doubling-up on courses in the final year may be necessary in order to complete it in a timely manner.

Course	Title	Hours
<b>First Year</b>		
FREN 105	French for High Beginners	4
FREN 203	Intermediate French I <sup>H</sup>	3
Hours		7
<b>Sophomore Year</b>		
FREN 204	Intermediate French II <sup>H</sup>	3
FREN 260	Literature and the French-Speaking World <sup>H</sup>	3
Hours		6
<b>Junior Year</b>		
FREN 300	French Composition and Grammar Review <sup>1</sup>	3
Literature survey course #1 (FREN 370, FREN 371, FREN 372, or FREN 373)		3
Literature survey course #2 (FREN 370, FREN 371, FREN 372, or FREN 373)		3
French elective course #1 <sup>2</sup>		3
Hours		12
<b>Senior Year</b>		
Literature survey course #3 (FREN 370, FREN 371, FREN 372, or FREN 373)		3
French elective course #2 <sup>2</sup>		3
French elective course #3 <sup>2</sup>		3
French elective course #4 <sup>2</sup>		3
Hours		12
Total Hours		37

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students who major or minor in French are highly encouraged to study abroad after completing FREN 300. A variety of programs can be found through the Study Abroad Office and students are encouraged to meet with a Study Abroad advisor to discuss summer, semester, or year-long options and credits.

<sup>2</sup> FREN 280, FREN 285, FREN 286, or any FREN courses 310 or above (excluding FREN 401, FREN 402, and FREN 692H).

## Sample Plan Two

This plan assumes a placement of FREN 203 on the Foreign Language placement test. Student placement (and plans) may vary.

Course	Title	Hours
<b>First Year</b>		
FREN 203	Intermediate French I <sup>H</sup>	3
FREN 204	Intermediate French II <sup>H</sup>	3
Hours		6
<b>Sophomore Year</b>		
FREN 260	Literature and the French-Speaking World <sup>H</sup>	3
FREN 300	French Composition and Grammar Review <sup>1</sup>	3
Hours		6

## Junior Year

Literature survey course #1 (FREN 370, FREN 371, FREN 372, or FREN 373)		3
Literature survey course #2 (FREN 370, FREN 371, FREN 372, or FREN 373)		3
Literature survey course #3 (FREN 370, FREN 371, FREN 372, or FREN 373)		3
Hours		9

## Senior Year

French elective course #1 <sup>2</sup>		3
French elective course #2 <sup>2</sup>		3
French elective course #3 <sup>2</sup>		3
French elective course #4 <sup>2</sup>		3
Hours		12
Total Hours		33

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students who major or minor in French are highly encouraged to study abroad after completing FREN 300. A variety of programs can be found through the Study Abroad Office and students are encouraged to meet with a Study Abroad advisor to discuss summer, semester, or year-long options and credits.

<sup>2</sup> FREN 280, FREN 285, FREN 286, or any FREN courses 310 or above (excluding FREN 401, FREN 402, and FREN 692H).

## Special Opportunities in Romance Studies Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and Honors Thesis in Italian	6
PORT 691H & PORT 692H	Honors Thesis and Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN, ITAL, PORT, SPAN 398 Undergraduate Seminar may be substituted for the research course if the subject of the seminar is central to the research project chosen. In the 692H course the thesis will be completed and the student examined by the supervisor and two additional faculty members, to be agreed upon by the student and supervisor. The director of honors, in consultation with the examiners, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. Courses numbered 691H or 398 may count toward the eight courses for the major, but 692H



may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's Web site (<http://romancestudies.unc.edu/undergraduate/overview>).

### Out-of-Class Language Experience

The department offers credit-bearing internship opportunities through ROML 293 and service-learning opportunities (<http://ccps.unc.edu/apples>) through ROML 194. Both courses satisfy the experiential education (EE) General Education requirement. While ROML 293 is a stand-alone course, ROML 194 is always connected to a specific course.

Students may enrich their cultural and language experience by applying to the Spanish House, a section of Craige North residence hall. Equipped with a lounge and a kitchen, the house has space for eight male and 16 female students. Students make an effort to speak only Spanish while in residence.

Students also find opportunities to speak Spanish and meet native Spanish speakers in an informal weekly tertulia (gathering). Additional activities involving Spanish include publishing and editorial involvement in the student journals *Mezcla* and *Aguas del pozo*; attending lectures, receptions, and films organized by the department and student organizations such as CHisPA (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

For further opportunities to speak French, students are encouraged to participate in the weekly meeting of the Table Française and become members of the French club, *les Francophiles*. Departmental lectures and film series are also offered.

Students wishing to speak Italian may participate in a weekly conversation table, *La Tavola Italiana*. They may also attend departmental lectures and film series and participate in the Italian Literary Contest.

Students who wish to practice Portuguese can meet weekly for the *bate-papo* (chat). Students of Portuguese also engage in editorial work and publish in the student journal *Aguas del pozo*.

### Study Abroad

The Study Abroad Office sponsors many year-long, semester-long, and summer programs appropriate for students of the Romance languages and has special arrangements with the Department of Romance Studies for the UNC in Montpellier, UNC in Seville, and Florence programs. Students from UNC–Chapel Hill and from other institutions may earn up to 30 semester hours of undergraduate credit in these programs, which are open to qualified undergraduates regardless of academic major. While, in general, students may satisfy up to 50 percent of major or minor coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools, and may receive one hour of credit for their informative work.

General inquiries concerning any of these programs should be addressed to the Study Abroad Office, CB# 3130, FedEx Global Education Center, (919) 962-7002.

### Undergraduate Awards

#### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

#### Italian

Students are nominated for membership in Gamma Kappa Alpha, the Italian honor society, by undergraduate instructors. The society recognizes “outstanding scholastic performance in the fields of Italian language and literature” and encourages students “to acquire a greater interest in, and a deeper understanding of, Italian culture.” The Kimberly Kyser Award for Excellence in Italian is awarded to the most outstanding student in Italian and includes a cash prize.

#### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.

#### Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor's Award, given to the top graduating senior, the Stoudemire Awards, and the Larry D. King Fellowship. The Thomas Henry Wilson Sr. Award provides support for an undergraduate with a major or minor to conduct research during the summer in a Spanish-speaking country.

## Romance Languages Major, B.A. – Italian

### Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

#### Amy Chambliss, Undergraduate Advisor and Director of Italian Language Instruction

[achamble@email.unc.edu](mailto:achamble@email.unc.edu)

#### Samuel Amago, Chair

#### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

UNC–Chapel Hill has a rich tradition of Italian studies, including courses on language, literature, film, food, politics, history, philosophy, and theater. The field of Italian is growing, with increasing course offerings and an increasing number of enrolled students and majors.

This concentration is a popular choice for those interested in careers in journalism, diplomacy, international business or education, or for those seeking a well-rounded education in preparation for medical or law school after college.

## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.–Italian (p. 866)
- Romance Languages Major, B.A.–Portuguese (p. 869)
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### Minors

- French Minor (p. 878)
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### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
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- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses

- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

A prerequisite for entering the program is knowledge of the Italian language, demonstrated by successfully completing ITAL 204 or ITAL 402 or the equivalent.

Code	Title	Hours
<b>Core Requirements</b>		
ITAL 300	Communicating in Italian: Media, Culture, and Society	3
Seven courses chosen from among the following:		21
ITAL 310	Italian Conversation	
ITAL 320	Italian Cities and Cultures	
ITAL 330	Italian Civilization I	
ITAL 331	Italian Civilization II	
ITAL 333	Italian Film and Culture	
ITAL 335	Themes in Italian Film	
ITAL 337	Cinema for Italian Conversation	
ITAL 339	US-Italian Encounters: War, Tourism, Myth	
ITAL 340	Italian America in Literature and Film	
ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	
ITAL 345	Italian Women Writers	
ITAL 346	Women Writers in Early Modern Italy	
ITAL 365	Italian Food and Culture	
ITAL 370	Survey of Italian Literature I	
ITAL 371	Survey of Italian Literature II	
ITAL 382	The Modern Italian Novel	
ITAL 396	Independent Study in Italian Literature	
ITAL 398	Undergraduate Seminar in Italian	
ITAL 511	Survey of Italian Literature and Culture I (to 1600)	
ITAL 512	Survey of Italian Literature and Culture II (1600 to present)	
ITAL 526	History of the Italian Language	
Total Hours		24

With the approval of the undergraduate advisor for Italian, students majoring in Romance languages with an emphasis in Italian may count up to nine hours in related areas in such departments, programs, and curricula as classics, art, music, cultural studies, and women's and gender studies.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students

entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
ITAL 101	Elementary Italian I	3
ITAL 102	Elementary Italian II	3
Hours		6
<b>Sophomore Year</b>		
ITAL 203	Intermediate Italian I	3
ITAL 204	Intermediate Italian II	3
Hours		6
<b>Junior Year</b>		
ITAL 300	Communicating in Italian: Media, Culture, and Society	3
ITAL ---	Italian elective course #1	3
ITAL ---	Italian elective course #2	3
ITAL ---	Italian elective course #3	3
Hours		12
<b>Senior Year</b>		
ITAL ---	Italian elective course #4	3
ITAL ---	Italian elective course #5	3
ITAL ---	Italian elective course #6	3
ITAL ---	Italian elective course #7	3
Hours		12
Total Hours		36

## Special Opportunities in Romance Studies

### Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
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SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN, ITAL, PORT, SPAN 398 Undergraduate Seminar may be substituted for the research course if the subject of the seminar is central to the research project chosen. In the 692H course the thesis will be completed and the student examined by the supervisor and two additional faculty members, to be agreed upon by the student and supervisor. The director of honors, in consultation with the examiners, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. Courses numbered

691H or 398 may count toward the eight courses for the major, but 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's Web site (<http://romancestudies.unc.edu/undergraduate/overview>).

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## Romance Languages Major, B.A.— Portuguese

### Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

#### Richard Vernon, Undergraduate Advisor and Director of Portuguese Language Instruction

[rmvernon@email.unc.edu](mailto:rmvernon@email.unc.edu)

#### Samuel Amago, Chair

#### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

Portuguese is the seventh most spoken language in the world, with over 250 million speakers. It is the language of Portugal, Brazil, and parts of Africa and Asia. Brazil, with a population of 185 million, is the largest country in South America and has the ninth largest economy in the world.

The program in Portuguese combines the study of the language, culture, and literatures of Brazil and Portugal. Emphasis is placed on the language as it is currently spoken and its historical development. Students study the literatures of Brazil and Portugal in terms of their

historical development and analyze specific texts from different genres and literary periods. Students interested in Portuguese should consult the Portuguese language advisor.

Portuguese as a second language would open multiple job opportunities in various countries with expanding economies and a promising future. It would also provide a vehicle to the rich cultural traditions of Portugal, Brazil, and the Lusophone nations of Africa and Asia, including literature, art, and music.

## Department Programs

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 863)
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## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

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- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
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- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics

- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Eight courses chosen from among the following:		24
PORT 310	Intensive Oral Communication in Portuguese	
PORT 316	Brazilian Performance in Music and Dance: Capoeira <sup>1</sup>	
PORT 323	Cultures of Brazil, Portugal, and Portuguese Africa	
PORT 370	Modern Brazil through Literature and Film in Translation <sup>1</sup>	
PORT 375	Portuguese and Brazilian Fiction in Translation <sup>1</sup>	
PORT 382	Women Writers: Brazil and Beyond <sup>1</sup>	
PORT 385	Verbal Art, Identities, and Nation in Portuguese-Speaking Africa <sup>1</sup>	
PORT 387	Brazilian Religious Movements through Film and Literature <sup>1</sup>	
PORT 388	Portuguese, Brazilian, and African Identity in Film <sup>1</sup>	
PORT 396	Independent Study in Portuguese	
PORT 398	Undergraduate Seminar in Portuguese	
PORT 420	Portuguese Language and Culture for the Professions	
PORT 501	Survey of Portuguese Literature I	
PORT 526	History of the Portuguese Language	
PORT 535	Brazilian Drama	
PORT 540	Cultural Topics from the Lusophone World	
Total Hours		24

<sup>1</sup> Taught in English, available for credit for major/minor in Portuguese only if readings and written work are done in Portuguese.

With the approval of the undergraduate advisor for Portuguese, students majoring in Romance languages with an emphasis in Portuguese may count up to nine hours in related areas in such departments, programs, and curricula as history, art, music, cultural studies, and women's and gender studies.

Because few entering students have completed coursework in Portuguese prior to enrolling in the University, it is essential that interested students start the language as early as the first year. Completion of PORT 204 or PORT 402 is considered a prerequisite for the major.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
PORT 101	Elementary Portuguese I	3
PORT 102	Elementary Portuguese II	3
Hours		6
<b>Sophomore Year</b>		
PORT 203	Intermediate Portuguese I	3
PORT 204	Intermediate Portuguese II	3
Hours		6
<b>Junior Year</b>		
PORT --- <sup>1</sup>	Portuguese major course #1	3
PORT --- <sup>1</sup>	Portuguese major course #2	3
PORT --- <sup>1</sup>	Portuguese major course #3	3
PORT --- <sup>1</sup>	Portuguese major course #4	3
Hours		12
<b>Senior Year</b>		
PORT --- <sup>1</sup>	Portuguese major course #5	3
PORT --- <sup>1</sup>	Portuguese major course #6	3
PORT --- <sup>1</sup>	Portuguese major course #7	3
PORT --- <sup>1</sup>	Portuguese major course #8	3
Hours		12
Total Hours		36

<sup>1</sup> Selected from PORT 310 and above (see requirements for specific course list).

## Special Opportunities in Romance Studies

### Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and Honors Thesis in Italian	6
PORT 691H & PORT 692H	Honors Thesis and Honors Thesis in Portuguese	6



SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6
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691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN, ITAL, PORT, SPAN 398 Undergraduate Seminar may be substituted for the research course if the subject of the seminar is central to the research project chosen. In the 692H course the thesis will be completed and the student examined by the supervisor and two additional faculty members, to be agreed upon by the student and supervisor. The director of honors, in consultation with the examiners, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. Courses numbered 691H or 398 may count toward the eight courses for the major, but 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's Web site (<http://romancestudies.unc.edu/undergraduate/overview>).

### Out-of-Class Language Experience

The department offers credit-bearing internship opportunities through ROML 293 and service-learning opportunities (<http://ccps.unc.edu/apples>) through ROML 194. Both courses satisfy the experiential education (EE) General Education requirement. While ROML 293 is a stand-alone course, ROML 194 is always connected to a specific course.

Students may enrich their cultural and language experience by applying to the Spanish House, a section of Craige North residence hall. Equipped with a lounge and a kitchen, the house has space for eight male and 16 female students. Students make an effort to speak only Spanish while in residence.

Students also find opportunities to speak Spanish and meet native Spanish speakers in an informal weekly tertulia (gathering). Additional activities involving Spanish include publishing and editorial involvement in the student journals *Mezcla* and *Aguas del pozo*; attending lectures, receptions, and films organized by the department and student organizations such as CHispA (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

For further opportunities to speak French, students are encouraged to participate in the weekly meeting of the Table Française and become members of the French club, les Francophiles. Departmental lectures and film series are also offered.

Students wishing to speak Italian may participate in a weekly conversation table, La Tavola Italiana. They may also attend departmental lectures and film series and participate in the Italian Literary Contest.

Students who wish to practice Portuguese can meet weekly for the bate-papo (chat). Students of Portuguese also engage in editorial work and publish in the student journal *Aguas del pozo*.

### Study Abroad

The Study Abroad Office sponsors many year-long, semester-long, and summer programs appropriate for students of the Romance languages and has special arrangements with the Department of Romance Studies for the UNC in Montpellier, UNC in Seville, and Florence programs. Students from UNC–Chapel Hill and from other institutions may earn up to 30 semester hours of undergraduate credit in these programs, which are open to qualified undergraduates regardless of academic major.

While, in general, students may satisfy up to 50 percent of major or minor coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools, and may receive one hour of credit for their informative work.

General inquiries concerning any of these programs should be addressed to the Study Abroad Office, CB# 3130, FedEx Global Education Center, (919) 962-7002.

### Undergraduate Awards

#### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

#### Italian

Students are nominated for membership in Gamma Kappa Alpha, the Italian honor society, by undergraduate instructors. The society recognizes “outstanding scholastic performance in the fields of Italian language and literature” and encourages students “to acquire a greater interest in, and a deeper understanding of, Italian culture.” The Kimberly Kyser Award for Excellence in Italian is awarded to the most outstanding student in Italian and includes a cash prize.

#### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.

#### Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor's Award, given to the top graduating senior, the Stouemire Awards, and the Larry D. King Fellowship. The Thomas Henry Wilson Sr. Award provides support for an undergraduate with a major or minor to conduct research during the summer in a Spanish-speaking country.

## Romance Languages Major, B.A.— Hispanic Literatures and Cultures

### Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)

238 Dey Hall, CB# 3170

(919) 962-2062

#### Gosia Lee, Undergraduate Advisor for Hispanic Literatures and Cultures and Hispanic Studies minor

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#### Abel Muñoz, Study Abroad

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### Samuel Amago, Chair

### Glynis Cowell, Director of Undergraduate Studies

gscowell@unc.edu

Spanish, the world's third largest language and second in terms of native speakers, is spoken by nearly 500 million people across the globe. The over 50 million Hispanics in the United States have become the fastest-growing social and political segment in North America. Because of its prominence, learning to communicate in Spanish can be essential for those entering the global economic market and numerous professions.

Spanish studies at UNC–Chapel Hill thrives on innovative literary, linguistic, and theoretical approaches to the Spanish-speaking world, and includes the study of indigenous, Afro-descendant, Asian, and other cultures. Students obtain well-grounded and comprehensive critical knowledge of the literatures, languages, and cultures of Spain and the Americas, often through collaborative research with a faculty member. Qualifying students have the opportunity to pursue an honor's thesis with one of our faculty members.

## Department Programs

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.—Italian (p. 866)
- Romance Languages Major, B.A.—Portuguese (p. 869)
- Romance Languages Major, B.A.—Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 875)

### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
SPAN 261	Advanced Spanish in Context	3
or SPAN 267	Advanced Spanish in Context for Heritage Learners	
<b>Core Requirements</b>		
SPAN 301	Introduction to Literary and Cultural Analysis	3
or SPAN 302	Literary and Cultural Analysis for Heritage Learners	
Two cultural diversity courses chosen from:		6
SPAN 338	Trans-Atlantic Cultural Topics	
SPAN 340	Iberian Cultural Topics	
SPAN 344	Latin@ American Cultural Topics	
Two literature courses:		6
SPAN 371	Studies in Spanish Literature	
SPAN 373	Studies in Latin American Literature	
Three specialized courses chosen from:		9
SPAN 361	Hispanic Film	
SPAN 369	Introduction to Translation	
SPAN 374	Mesoamerica through Its Native Literatures	
SPAN 375	Spanish of the United States	
SPAN 379	Aesthetics of Violence in Latina/o American Fiction	
SPAN 380	Studies in Spanish Drama	
SPAN 381	Studies in Spanish and Spanish American Poetry	
SPAN 382	Studies in Spanish Prose	
SPAN 383	Medieval Spanish Literature	
SPAN 384	Spanish Renaissance	
SPAN 385	Contemporary Spanish American Prose Fiction	

SPAN 386	Literature and Politics in Central America
SPAN 387	Eroticism in Contemporary Latin American Literature
SPAN 388	Narratives of the Mexican Revolution
SPAN 389	Outside Cuba: Diasporic Literature and Culture
SPAN 394	Creative Writing in Spanish
SPAN 395	Research for Advanced Students
SPAN 397	Undergraduate Seminar in Language and Linguistics
SPAN 398	Undergraduate Seminar in Literature and Culture
SPAN 414	Languages of Spain I
SPAN 415	Languages of Spain II
SPAN 613	Colonial and 19th-Century Spanish American Literature
SPAN 614	Modernist and Contemporary Spanish American Literature
SPAN 617	Cervantes and the Quijote
SPAN 620	Women in Hispanic Literature
SPAN 621	Literary and Cultural History of the Spanish Language
SPAN 625	Indigenous Literatures and Cultures of the Américas
SPAN 650	The Spanish Comedia of the Golden Age
<b>Total Hours</b>	
	27

Note: SPAN 401, SPAN 402, SPAN 404, SPAN 405, and SPAN 601 do not count toward the major.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

This plan assumes a placement of SPAN 105 on the Foreign Language placement test. Student placement (and plans) may vary. Although it is possible to complete the Hispanic literatures and cultures major if a student begins with SPAN 101, summer school, study abroad, or doubling up on courses in the final year may be necessary in order to complete it in a timely manner.

Course	Title	Hours
<b>First Year</b>		
SPAN 105	Spanish for High Beginners	4
SPAN 203	Intermediate Spanish I <sup>H</sup>	3
<b>Hours</b>		7
<b>Sophomore Year</b>		
SPAN 204	Intermediate Spanish II <sup>H</sup>	3

SPAN 261	Advanced Spanish in Context	3
or	or Advanced Spanish in Context for Heritage Learners	
SPAN 267		
<b>Hours</b>		6
<b>Junior Year</b>		
SPAN 301	Introduction to Literary and Cultural Analysis	3
or	or Literary and Cultural Analysis for Heritage Learners	
SPAN 302		
SPAN 3--	Cultural diversity course #1 (SPAN 338, 340, 344)	3
SPAN 371	Studies in Spanish Literature	3
SPAN ---	Specialized course #1	3
<b>Hours</b>		12
<b>Senior Year</b>		
SPAN 3--	Cultural diversity course #2 (SPAN 338, 340, 344)	3
SPAN 373	Studies in Latin American Literature	3
SPAN ---	Specialized course #2	3
SPAN ---	Specialized course #3	3
<b>Hours</b>		12
<b>Total Hours</b>		37

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan Two

This plan assumes a placement of SPAN 203 on the Foreign Language placement test. Student placement (and plans) may vary.

Course	Title	Hours
<b>First Year</b>		
SPAN 203	Intermediate Spanish I <sup>H</sup>	3
SPAN 204	Intermediate Spanish II <sup>H</sup>	3
<b>Hours</b>		6
<b>Sophomore Year</b>		
SPAN 261	Advanced Spanish in Context	3
or	or Advanced Spanish in Context for Heritage Learners	
SPAN 267		
SPAN 301	Introduction to Literary and Cultural Analysis	3
or	or Literary and Cultural Analysis for Heritage Learners	
SPAN 302		
<b>Hours</b>		6
<b>Junior Year</b>		
SPAN 3--	Cultural diversity course #1 (SPAN 338, 340, 344)	3
SPAN 371	Studies in Spanish Literature	3
SPAN ---	Specialized course #1	3
<b>Hours</b>		9
<b>Senior Year</b>		
SPAN 373	Studies in Latin American Literature	3
SPAN 3--	Cultural diversity course #2 (SPAN 338, 340, 344)	3
SPAN ---	Specialized course #2	3
SPAN ---	Specialized course #3	3
<b>Hours</b>		12
<b>Total Hours</b>		33

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Romance Studies Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and Honors Thesis in Italian	6
PORT 691H & PORT 692H	Honors Thesis and Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN, ITAL, PORT, SPAN 398 Undergraduate Seminar may be substituted for the research course if the subject of the seminar is central to the research project chosen. In the 692H course the thesis will be completed and the student examined by the supervisor and two additional faculty members, to be agreed upon by the student and supervisor. The director of honors, in consultation with the examiners, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. Courses numbered 691H or 398 may count toward the eight courses for the major, but 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's Web site (<http://romancestudies.unc.edu/undergraduate/overview>).

### Out-of-Class Language Experience

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Students may enrich their cultural and language experience by applying to the Spanish House, a section of Craige North residence hall. Equipped with a lounge and a kitchen, the house has space for eight male and 16 female students. Students make an effort to speak only Spanish while in residence.

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organizations such as CHisPA (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

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### Study Abroad

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Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools, and may receive one hour of credit for their informative work.

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### Undergraduate Awards

#### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

#### Italian

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#### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.



## Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor's Award, given to the top graduating senior, the Stoudemire Awards, and the Larry D. King Fellowship. The Thomas Henry Wilson Sr. Award provides support for an undergraduate with a major or minor to conduct research during the summer in a Spanish-speaking country.

# Romance Languages Major, B.A.– Hispanic Linguistics

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)

238 Dey Hall, CB# 3170

(919) 962-2062

### Martha Ruiz-García, Undergraduate Advisor for Hispanic Linguistics

[ruizgar@email.unc.edu](mailto:ruizgar@email.unc.edu)

### Abel Muñoz, Study Abroad

[amunoz@email.unc.edu](mailto:amunoz@email.unc.edu)

### Samuel Amago, Chair

### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

Spanish, the world's third largest language and second in terms of native speakers, is spoken by nearly 500 million people across the globe. The over 50 million Hispanics in the United States have become the fastest-growing social and political segment in North America. Because of its prominence, learning to communicate in Spanish can be essential for those entering the global economic market and numerous professions.

Spanish studies at UNC–Chapel Hill thrives on innovative literary, linguistic, and theoretical approaches to the Spanish-speaking world, and includes the study of indigenous, Afro-descendant, Asian, and other cultures. Students obtain well-grounded and comprehensive critical knowledge of the literatures, languages, and cultures of Spain and the Americas, often through collaborative research with a faculty member. Qualifying students have the opportunity to pursue an honor's thesis with one of our faculty members.

## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.–Italian (p. 866)
- Romance Languages Major, B.A.–Portuguese (p. 869)
- Romance Languages Major, B.A.–Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 875)

### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)

- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Gateway Course</b>		
SPAN 261	Advanced Spanish in Context	3
or SPAN 267	Advanced Spanish in Context for Heritage Learners	
<b>Core Requirements</b>		
SPAN 300	Spanish Composition and Grammar Review <sup>H</sup>	3
Two introductory Hispanic linguistics courses:		
SPAN/LING 360	Introduction to Hispanic Linguistics	3



SPAN/LING 376	Phonetics and Phonology	3
Two specialized Hispanic linguistics courses chosen from: <sup>1</sup>		6
SPAN 375	Spanish of the United States	
SPAN 378	Afro-Hispanic Language Contacts	
SPAN 397	Undergraduate Seminar in Language and Linguistics	
SPAN 677	Spanish Syntax	
SPAN 678	History of the Spanish Language	
SPAN 679	Spanish Pragmatics	
SPAN 680	First- and Second-Language Acquisition of Spanish	
SPAN 682	Spanish Sociolinguistics	
SPAN 683	Guaraní Linguistics	
One course in a language relevant to Spanish chosen from:		3
SPAN 414	Languages of Spain I	
SPAN 416	Languages of the Americas I	
PORT 401	Beginning Accelerated Brazilian Portuguese I	
Two additional courses chosen from the following:		6
Specialized linguistics courses:		
SPAN 375	Spanish of the United States	
SPAN 378	Afro-Hispanic Language Contacts	
SPAN 397	Undergraduate Seminar in Language and Linguistics	
SPAN 676	Advanced Spanish Phonology	
SPAN 677	Spanish Syntax	
SPAN 678	History of the Spanish Language	
SPAN 680	First- and Second-Language Acquisition of Spanish	
SPAN 682	Spanish Sociolinguistics	
SPAN 683	Guaraní Linguistics	
A second course in a relevant language:		
SPAN 415	Languages of Spain II	
SPAN 417	Languages of the Americas II	
PORT 402	Intermediate Accelerated Brazilian Portuguese II	
Introductory courses in culture, literature, or film:		
SPAN 338	Trans-Atlantic Cultural Topics	
SPAN 340	Iberian Cultural Topics	
SPAN 344	Latin@ American Cultural Topics	
SPAN 361	Hispanic Film	
SPAN 371	Studies in Spanish Literature	
SPAN 373	Studies in Latin American Literature	
Total Hours		27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> one of which must be from the 600-level courses.

LING 101 is highly recommended preparation for the emphasis in Hispanic linguistics.

Prospective majors should complete the foreign language requirement by the end of their sophomore year.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

This plan assumes a placement of SPAN 105 on the Foreign Language placement test. Student placement (and plans) may vary. Although it is possible to complete the Hispanic linguistics concentration if a student begins with SPAN 101, summer school, study abroad, or doubling up on courses in the final year may be necessary in order to complete it in a timely manner.

Course	Title	Hours
<b>First Year</b>		
SPAN 105	Spanish for High Beginners	4
SPAN 203	Intermediate Spanish I <sup>H</sup>	3
Hours		7
<b>Sophomore Year</b>		
SPAN 204	Intermediate Spanish II <sup>H</sup>	3
SPAN 261	Advanced Spanish in Context	3
or	or Advanced Spanish in Context for Heritage Learners	
SPAN 267		
Hours		6
<b>Junior Year</b>		
SPAN 300	Spanish Composition and Grammar Review <sup>H</sup>	3
SPAN 360	Introduction to Hispanic Linguistics	3
or	or Introduction to Hispanic Linguistics	
LING 360		
SPAN ---	Specialized Hispanic linguistic course #1	3
SPAN ---	Elective course #1 (see requirement list)	3
Hours		12
<b>Senior Year</b>		
SPAN 376	Phonetics and Phonology	3
or	or Phonetics and Phonology	
LING 376		
SPAN 414	Languages of Spain I	3
or	or Languages of the Americas I	
SPAN 416	or Beginning Accelerated Brazilian Portuguese I	
or		
PORT 401		
SPAN ---	Specialized Hispanic linguistic course #2	3
SPAN ---	Elective course #2 (see requirement list)	3
Hours		12
Total Hours		37

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan Two

This plan assumes a placement of SPAN 203 on the Foreign Language placement test. Student placement (and plans) may vary.

Course	Title	Hours
<b>First Year</b>		
SPAN 203	Intermediate Spanish I <sup>H</sup>	3
SPAN 204	Intermediate Spanish II <sup>H</sup>	3
Hours		6
<b>Sophomore Year</b>		
SPAN 261 or SPAN 267	Advanced Spanish in Context or Advanced Spanish in Context for Heritage Learners	3
SPAN 300	Spanish Composition and Grammar Review <sup>H</sup>	3
Hours		6
<b>Junior Year</b>		
SPAN 360 or LING 360	Introduction to Hispanic Linguistics or Introduction to Hispanic Linguistics	3
SPAN ---	Specialized Hispanic linguistic course #1	3
SPAN ---	Elective course #1 (see requirement list)	3
Hours		9
<b>Senior Year</b>		
SPAN 376 or LING 376	Phonetics and Phonology or Phonetics and Phonology	3
SPAN 414 or SPAN 416 or PORT 401	Languages of Spain I or Languages of the Americas I or Beginning Accelerated Brazilian Portuguese I	3
SPAN ---	Specialized Hispanic linguistic course #2	3
SPAN ---	Elective course #2 (see requirement list)	3
Hours		12
Total Hours		33

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Romance Studies Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and Honors Thesis in Italian	6

PORT 691H & PORT 692H	Honors Thesis and Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN, ITAL, PORT, SPAN 398 Undergraduate Seminar may be substituted for the research course if the subject of the seminar is central to the research project chosen. In the 692H course the thesis will be completed and the student examined by the supervisor and two additional faculty members, to be agreed upon by the student and supervisor. The director of honors, in consultation with the examiners, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. Courses numbered 691H or 398 may count toward the eight courses for the major, but 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's Web site (<http://romancestudies.unc.edu/undergraduate/overview>).

## Out-of-Class Language Experience

The department offers credit-bearing internship opportunities through ROML 293 and service-learning opportunities (<http://ccps.unc.edu/apples>) through ROML 194. Both courses satisfy the experiential education (EE) General Education requirement. While ROML 293 is a stand-alone course, ROML 194 is always connected to a specific course.

Students may enrich their cultural and language experience by applying to the Spanish House, a section of Craige North residence hall. Equipped with a lounge and a kitchen, the house has space for eight male and 16 female students. Students make an effort to speak only Spanish while in residence.

Students also find opportunities to speak Spanish and meet native Spanish speakers in an informal weekly tertulia (gathering). Additional activities involving Spanish include publishing and editorial involvement in the student journals *Mezcla* and *Aguas del pozo*; attending lectures, receptions, and films organized by the department and student organizations such as CHispA (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

For further opportunities to speak French, students are encouraged to participate in the weekly meeting of the Table Française and become members of the French club, les Francophiles. Departmental lectures and film series are also offered.

Students wishing to speak Italian may participate in a weekly conversation table, La Tavola Italiana. They may also attend departmental lectures and film series and participate in the Italian Literary Contest.

Students who wish to practice Portuguese can meet weekly for the bate-papo (chat). Students of Portuguese also engage in editorial work and publish in the student journal *Aguas del pozo*.

## Study Abroad

The Study Abroad Office sponsors many year-long, semester-long, and summer programs appropriate for students of the Romance languages and has special arrangements with the Department of Romance Studies for the UNC in Montpellier, UNC in Seville, and Florence programs. Students from UNC–Chapel Hill and from other institutions may earn up

to 30 semester hours of undergraduate credit in these programs, which are open to qualified undergraduates regardless of academic major. While, in general, students may satisfy up to 50 percent of major or minor coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools, and may receive one hour of credit for their informative work.

General inquiries concerning any of these programs should be addressed to the Study Abroad Office, CB# 3130, FedEx Global Education Center, (919) 962-7002.

## Undergraduate Awards

### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

### Italian

Students are nominated for membership in Gamma Kappa Alpha, the Italian honor society, by undergraduate instructors. The society recognizes "outstanding scholastic performance in the fields of Italian language and literature" and encourages students "to acquire a greater interest in, and a deeper understanding of, Italian culture." The Kimberly Kyser Award for Excellence in Italian is awarded to the most outstanding student in Italian and includes a cash prize.

### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.

### Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor's Award, given to the top graduating senior, the Stoudemire Awards, and the Larry D. King Fellowship. The Thomas Henry Wilson Sr. Award provides support for an undergraduate with a major or minor to conduct research during the summer in a Spanish-speaking country.

## French Minor

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

### Hannelore Jaraus, Undergraduate Advisor and Director of French Language Instruction

[hjaraus@email.unc.edu](mailto:hjaraus@email.unc.edu)

### Dorothea Heitsch, Study Abroad

[dheitsch@unc.edu](mailto:dheitsch@unc.edu)

### Samuel Amago, Chair

### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

The Department of Romance Studies is a diverse, multicultural, and plurilingual academic unit that engages in research and instruction in French, Italian, Portuguese, Spanish, and the historical minority languages of Europe and the Americas.

Students unable to undertake a full eight-course French program may register for the French minor. This option also is available to students in some professional schools.

## Department Programs

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.—Italian (p. 866)
- Romance Languages Major, B.A.—Portuguese (p. 869)
- Romance Languages Major, B.A.—Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 875)

### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC—Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
FREN 300		3
Four additional FREN courses numbered above FREN 275, excluding FREN 308, FREN 401, FREN 402, FREN 601		12
Total Hours		15

French (FREN) course descriptions (p. 845).

See the program page here (p. 865) for special opportunities.

## Italian Minor

### Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

#### Amy Chambless, Undergraduate Advisor and Director of Italian Language Instruction

[achamble@email.unc.edu](mailto:achamble@email.unc.edu)

#### Samuel Amago, Chair

#### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

The minor in Italian is designed for those who wish to continue their study of the Italian language and acquire a more in-depth knowledge of Italian literature and culture. Many use it to support their majors in related fields such as global studies, business, history, art history, and anthropology, and to round out their major in the STEM fields as well. It requires three fewer courses than the Italian major.

### Department Programs

#### Majors

- Romance Languages Major, B.A. –French and Francophone Studies (p. 863)
- Romance Languages Major, B.A. –Italian (p. 866)
- Romance Languages Major, B.A. –Portuguese (p. 869)
- Romance Languages Major, B.A. –Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 875)

#### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

#### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
ITAL 300	Communicating in Italian: Media, Culture, and Society	3
Four additional ITAL courses numbered between ITAL 300 and ITAL 699, excluding ITAL 308, ITAL 401, ITAL 402, ITAL 691H, and ITAL 692H		12
Total Hours		15

With the approval of the undergraduate advisor in Italian, one of the four elective courses may be substituted with a course at the 200-level or a course in such allied fields as classics (p. 343), history (p. 600), art (p. 196), music (p. 675), and women's and gender studies (p. 908).

Completion of ITAL 204 or ITAL 402 is considered a prerequisite for the minor.

Italian (ITAL) course descriptions (p. 845).

See the program page here (p. 868) for special opportunities.

## Portuguese Minor

### Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

#### Richard Vernon, Undergraduate Advisor and Director of Portuguese Language Instruction

[rmvernon@email.unc.edu](mailto:rmvernon@email.unc.edu)

#### Samuel Amago, Chair

#### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

The minor in Portuguese is designed for those who wish to continue their study of Portuguese and acquire a more in-depth knowledge of Lusophone cultural production, such as film, literature, and the performing arts. Qualifying courses include courses in Portuguese, courses on Lusophone topics taught in English, and certain courses outside the department with a significant amount of content related to the Lusophone world. Many students see it as essential or complementary to their major in fields such as public health, global studies, music, anthropology, or political science.

### Department Programs

#### Majors

- Romance Languages Major, B.A. –French and Francophone Studies (p. 863)
- Romance Languages Major, B.A. –Italian (p. 866)
- Romance Languages Major, B.A. –Portuguese (p. 869)
- Romance Languages Major, B.A. –Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 875)

**Minors**

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

**Graduate Programs**

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

**Requirements**

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
PORT 310	Intensive Oral Communication in Portuguese	3
	Four additional PORT courses numbered between PORT 300 and PORT 699, excluding PORT 401, PORT 402, PORT 691H, and PORT 692H	12
Total Hours		15

The minor in Portuguese requires five courses beyond PORT 204, two of which may be taken abroad.

Portuguese (PORT) course descriptions (p. 845).

See the program page here (p. 869) for special opportunities.

**Hispanic Studies Minor****Contact Information****Department of Romance Studies**

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

**Gosia Lee, Undergraduate Advisor for Hispanic Literatures and Cultures and Hispanic Studies minor**  
gosialee@email.unc.edu

**Abel Muñoz, Study Abroad**  
amunoz@email.unc.edu

**Samuel Amago, Chair**

**Glynis Cowell, Director of Undergraduate Studies**  
gscowell@unc.edu

The minor in Hispanic studies is designed for those who wish to continue their study of the Spanish language and acquire a more in-depth knowledge of Spanish and/or Spanish American literature, culture, or linguistics. Through the selection of courses students may choose to concentrate on a single region of the Hispanic world (Spain or Spanish America), a specific content area (literature, culture, or linguistics), or a combination of regions and/or content areas.

**Department Programs****Majors**

- Romance Languages Major, B.A.–French and Francophone Studies (p. 863)
- Romance Languages Major, B.A.–Italian (p. 866)
- Romance Languages Major, B.A.–Portuguese (p. 869)
- Romance Languages Major, B.A.–Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 875)

**Minors**

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

**Graduate Programs**

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

**Requirements**

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
SPAN 300	Spanish Composition and Grammar Review <sup>H</sup>	3
or SPAN 301	Introduction to Literary and Cultural Analysis	
or SPAN 302	Literary and Cultural Analysis for Heritage Learners	
Four courses numbered above SPAN 330, excluding SPAN 401, SPAN 402, SPAN 404, SPAN 405, and SPAN 601		12
<b>Additional Requirements</b>		
SPAN 261	Advanced Spanish in Context	3
or SPAN 267	Advanced Spanish in Context for Heritage Learners	
Total Hours		18



H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Spanish (SPAN) course descriptions (p. 845).

See the program page here (p. 874) for special opportunities.

## Spanish Minor for the Professions

### Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)

238 Dey Hall, CB# 3170

(919) 962-2062

#### Elizabeth Bruno, Undergraduate Advisor for Spanish for the Professions minor

[ebruno@email.unc.edu](mailto:ebruno@email.unc.edu)

#### Abel Muñoz, Study Abroad

[amunoz@email.unc.edu](mailto:amunoz@email.unc.edu)

#### Samuel Amago, Chair

#### Glynis Cowell, Director of Undergraduate Studies

[gscowell@unc.edu](mailto:gscowell@unc.edu)

The Spanish minor for the professions is designed for students who anticipate careers in which they will need to interact with Hispanic communities in the United States or abroad and who wish to continue the study of Spanish language and culture for specific professional purposes: business, medical and other health professions, or law and other legal professions. The capstone course in the minor includes experiential learning through field work and/or public service.

## Department Programs

### Majors

- Romance Languages Major, B.A. –French and Francophone Studies (p. 863)
- Romance Languages Major, B.A. –Italian (p. 866)
- Romance Languages Major, B.A. –Portuguese (p. 869)
- Romance Languages Major, B.A. –Hispanic Literatures and Cultures (p. 871)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 875)

### Minors

- French Minor (p. 878)
- Italian Minor (p. 879)
- Portuguese Minor (p. 879)
- Hispanic Studies Minor (p. 880)
- Spanish Minor for the Professions (p. 881)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Two profession-specific courses in the same professional track from the following options:		6
SPAN 320 & SPAN 325	Spanish for Business and Spanish for Business (Second Semester)	
SPAN 321 & SPAN 328	Spanish for the Medical Professions and Spanish for the Medical Professions (Second Semester)	
SPAN 323 & SPAN 324	Spanish for the Legal Professions and Spanish for the Legal Professions (Second Semester)	
Additional three-credit SPAN course (above SPAN 300, excluding SPAN 401, SPAN 402, SPAN 404, SPAN 405, and SPAN 601)		3
Capstone course:		
SPAN 329 & ROML 194	Spanish for Professional and Community Engagement and Service Learning in Romance Studies	4
<b>Additional Requirements</b>		
SPAN 261 or SPAN 267	Advanced Spanish in Context <sup>1</sup> or Advanced Spanish in Context for Heritage Learners	3
Total Hours		16

<sup>1</sup> All students must complete SPAN 261 (or receive credit for its equivalent) to be eligible to begin the program.

See the program page here (p. 871) for special opportunities.

# DEPARTMENT OF SOCIOLOGY

## Contact Information

### Department of Sociology

Visit Program Website (<http://www.unc.edu/depts/soc>)  
155 Hamilton Hall, CB# 3210  
(919) 962-1007

### Kenneth Andrews, Chair

ka1@email.unc.edu

### Leah Elms, Student Services Manager

leahelms@email.unc.edu

## Introduction

The Department of Sociology is the primary home for two majors—sociology and management and society—and a minor in social and economic justice.

The undergraduate major in sociology at UNC–Chapel Hill provides students with theoretical and methodological tools, and substantive insights for understanding human social life and institutions. The department's faculty is particularly strong in the areas of social inequality, marriage and family, health and medical sociology, work and the economy, religion, formal organizations, sex and gender, social movements, population and human ecology, social networks, education, and political sociology. Course themes range widely from the theoretical to the applied and incorporate a broad array of methodological approaches including comparative/historical, participant observation and interviewing, survey data collection and statistical analysis.

Management and society is an interdisciplinary major that focuses on the institutional context and inner workings of organizations. It prepares students for a variety of positions in private or public-sector organizations. Additionally, many students find the curriculum to be excellent preparation for a variety of business-oriented graduate and professional degree programs.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies and assistant director meet with current, transfer, and prospective majors by appointment (see contact information on the program page of the catalog). Departmental academic advising is particularly important for those students who are double majors and those who may be considering going on to graduate school. Further information on courses, undergraduate research opportunities, writing an honors thesis, careers, and graduate schools is available on the department's Web site.

## Graduate School and Career Opportunities

Sociologists are employed by research institutes, public health and welfare organizations, social work agencies, private businesses, law firms, international agencies, medical centers, educational institutions, advertising firms, survey and polling organizations, and the criminal justice system. Others work in politics and government and in community and social justice organizing.

A major in sociology also prepares students for law, medical, or business school and for graduate degree programs in social work, education, public policy, religious ministry, mass communications, public health, nonprofit administration, and international affairs. Of course the sociology major also prepares interested undergraduates for graduate studies in sociology, should they choose to continue in the field to become researchers or teachers in high schools, two- or four-year colleges, or research universities. Students interested in pursuing graduate studies in sociology after college may, with the instructor's permission, enroll in graduate-level courses at UNC–Chapel Hill.

A major in management and society prepares students for virtually any aspect of a business career that does not involve highly specialized training (such as finance and accounting). Employers are interested in students who can think on their feet, communicate effectively, write well, and make sense of the social and economic changes occurring in their industry. Management and society majors are educated in each of these skills.

Graduates with B.A. degrees with majors in management and society are especially suited for entry-level positions in any aspect of human resource management, industry, or public sector organizations. Among recent graduates who responded to a placement office survey, the largest number were employed in sales; management or management training positions with at least some supervisory or personnel-related responsibilities ranked second. Other graduates are working in customer service, purchasing, and marketing research, and several hold positions in the public sector.

### Majors

- Sociology Major, B.A. (p. 890)
- Management and Society Major, B.A. (p. 893)

### Minor

- Health and Society Minor (p. 896)
- Social and Economic Justice Minor (p. 896)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)

## Professors

Howard E. Aldrich, Kenneth (Andy) Andrews, Kenneth A. Bollen, Barbara Entwisle, Elizabeth Frankenberg, Guang Guo, Jacqueline Hagan, Kathleen M. Harris, Robert Hummer, Arne L. Kalleberg, Charles Kurzman, Philip Morgan, Ted Mouw, François Nielsen, Lisa Pearce, Andrew J. Perrin, Karolyn Tyson, Yang (Claire) Yang.

## Associate Professors

Yong Cai, Neal Caren.

## Assistant Professors

Mosi Ifatunji, Anthony Perez, Liana Richardson, Kate Weisshaar.

## Affiliated Faculty

John D. Kasarda (Kenan–Flagler Business School).

## Adjunct Professors

Gail Henderson, James H. Johnson Jr., John D. Stephens.

## Research Professors

Glen H. Elder.

## Adjunct Associate Professors

Thurston Domina, Douglas L. Lauen, Zeynep Tufekci, Catherine Zimmer.

## Professors Emeriti

Judith R. Blau, Richard Cramer, Sherryl Kleinman, Victor W. Marshall, Anthony R. Oberschall, John Shelton Reed, Ronald R. Rindfuss, Peter R. Uhlenberg.

## MNGT—Management and Society Undergraduate-level Courses

### MNGT 120. Introduction to Interpersonal and Organizational Communication. 3 Credits.

An introduction to communication theory, research, and practice in a variety of interpersonal and organizational contexts. This course examines the role of communication in both personal and professional relationships.

**Grading status:** Letter grade

**Same as:** COMM 120.

### MNGT 120H. Introduction to Interpersonal and Organizational Communication. 3 Credits.

An introduction to communication theory, research, and practice in a variety of interpersonal and organizational contexts. This course examines the role of communication in both personal and professional relationships.

**Grading status:** Letter grade

**Same as:** COMM 120H.

### MNGT 131. Social Relations in the Workplace. 3 Credits.

Meaning and content of work in modern industrial society. Preparation for work; autonomy and control; inequality; consequences for health, safety, and family life.

**Grading status:** Letter grade

**Same as:** SOCI 131.

### MNGT 223. Small Group Communication. 3 Credits.

Permission of the instructor for nonmajors. Introduction to the theory and practice of communication in the small group setting. Topics may include group development, conformity and deviation, gender, problem solving, and power and leadership.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade

**Same as:** COMM 223.

### MNGT 310. Microeconomics: Theory and Applications. 3 Credits.

Analysis of the ways in which consumers and business firms interact in a market economy. Students may not receive credit for both ECON 310 and 410.

**Grading status:** Letter grade

**Same as:** ECON 310.

### MNGT 325. Introduction to Organizational Communication. 3 Credits.

Permission of the instructor for nonmajors. The course explores the historical and theoretical developments in the research and practice of organizational communication.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade

**Same as:** COMM 325.

### MNGT 325H. Introduction to Organizational Communication. 3 Credits.

Permission of the instructor for nonmajors. The course explores the historical and theoretical developments in the research and practice of organizational communication.

**Requisites:** Prerequisite, COMM 120.

**Grading status:** Letter grade

**Same as:** COMM 325H.

### MNGT 330. Economic History of the United States. 3 Credits.

Main features of the American economy: colonial times to the present. Students may not receive credit for both ECON 330 and ECON 430.

**Grading status:** Letter grade

**Same as:** ECON 330.

### MNGT 345. Public Policy Toward Business. 3 Credits.

Industry structure and its relation to performance; market imperfections; description and analysis of antitrust and regulation. Students may not receive credit for both ECON 345 and ECON 445.

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading status:** Letter grade

**Same as:** ECON 345.

### MNGT 364. History of American Business. 3 Credits.

A survey of the rise and development of the major financial, commercial, manufacturing, and transportation enterprises that transformed the United States from an agricultural into a leading industrial nation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 364.

### MNGT 365. The Worker and American Life. 3 Credits.

From the experience of colonial artisans to contemporary factory and office workers, organized and unorganized, this course examines the effect of the industrial revolution on the American social and political landscape.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 365.

### MNGT 380. The Economics of Labor Relations. 3 Credits.

An economic analysis of workplace issues, including worker quits, layoffs and unemployment, discrimination and affirmative action, and the setting of pay, fringe benefits, and working conditions. Students may not receive credit for both ECON 380 and ECON 480.

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading status:** Letter grade

**Same as:** ECON 380.

## Advanced Undergraduate and Graduate-level Courses

### MNGT 410. Formal Organizations and Bureaucracy. 3 Credits.

Varieties of organizational forms, their structures and processes; creation, persistence, transformation, and demise; role of organizations in contemporary society.

**Grading status:** Letter grade

**Same as:** SOCI 410.

**MNGT 412. Social Stratification. 3 Credits.**

Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.

**Grading status:** Letter grade

**Same as:** SOCI 412.

**MNGT 415. Economy and Society. 3 Credits.**

Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.

**Grading status:** Letter grade

**Same as:** SOCI 415.

**MNGT 427. The Labor Force. 3 Credits.**

Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** SOCI 427.

**MNGT 691H. Honors Fall Course. 3 Credits.**

Directed independent research under the supervision of a faculty advisor.

**Grading status:** Letter grade.

**MNGT 692H. Honors Spring Course. 3 Credits.**

Preparation of an honors thesis and an oral examination on the thesis.

**Requisites:** Prerequisite, MNGT 691H.

**Grading status:** Letter grade.

## SOCI—Sociology

### Undergraduate-level Courses

**SOCI 50. First-Year Seminar: Religion in American Public Life. 3 Credits.**

This course will engage philosophical and sociological questions in order to explore the key issues involved in the contentious question of the actual and proper role of religion in American public life.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 51. First-Year Seminar: Emotion and Social Life. 3 Credits.**

The course will examine the social aspects of emotional experience including current debates among sociologists and psychologists about the social functions of emotions.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 52. First-Year Seminar: Social Inequality across Space and Time. 3 Credits.**

This course focuses on social inequality in human societies by looking at social inequalities in different historical periods and geographical locations.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 53. First-Year Seminar: The Consequences of Welfare Reform and Prospects for the Future. 3 Credits.**

This first-year seminar is designed to 1) research and document the consequences of welfare reform and 2) participate in the political debate over reauthorization of the welfare law.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 54. First-Year Seminar: Good Jobs, Bad Jobs, No Jobs: Work and Workers in 21st-Century America. 3 Credits.**

The course examines the nature and meaning of work in America at the beginning of the 21st century.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 55. First-Year Seminar: Self, Society, and the Making of Reality. 3 Credits.**

What does it mean to say that reality is "socially constructed"? How do people in different social groups develop shared perspectives? In exploring answers to these questions (and others) the course will also examine the self from a sociological perspective.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 56. First-Year Seminar: Citizenship. 3 Credits.**

Citizenship takes on new meaning in a global context. This course examines current debates, examples of human rights charters, and students apply what they learn to sociological topics.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**SOCI 57. First-Year Seminar: Rationalization and the Changing Nature of Social Life in 21st-Century America. 3 Credits.**

Fast food restaurants have become a model for everyday life. Some scholars even talk about the "McDonaldization" of the world. By that scholars mean a drive toward greater efficiency, predictability, calculability, and control by technologies in modern organizations. Sociologists call this process "rationalization," which will be examined in this course.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 57H. First-Year Seminar: Rationalization and the Changing Nature of Social Life in 21st-Century America. 3 Credits.**

Fast food restaurants have become a model for everyday life. Some scholars even talk about the "McDonaldization" of the world. By that scholars mean a drive toward greater efficiency, predictability, calculability, and control by technologies in modern organizations. Sociologists call this process "rationalization," which will be examined in this course.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 58. First-Year Seminar: Globalization, Work, and Inequality. 3 Credits.**

This course will present a comparative and multidisciplinary perspective on how globalization affects labor markets and inequality.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**SOCI 59. First-Year Seminar: The Advocacy Explosion: Social Movements in the Contemporary United States. 3 Credits.**

This course investigates the origins, dynamics, and influence of social movements in American society. It examines why people join movements, how movements work, and the way that movements are able to affect broader changes in our society.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 60. First-Year Seminar: Sociology of the Islamic World. 3 Credits.**

This course exposes students to the social, economic, political, and religious currents that have made the Islamic world one of the most important regions for global affairs, as well as one of the regions least understood in the United States.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**SOCI 61. FYS: Innovative, Information Technology, and the Sociology of Business in 21st-Century. 3 Credits.**

This course investigates how innovations in information technology are transforming the nature of business and society in the United States. It also examines the history of work relationships in the United States in order to discover how information technology will change the role of employees and what it means to be a customer.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**SOCI 62. First-Year Seminar: Social Change and Changing Lives. 3 Credits.**

Society shapes our lives and yet we seek to influence the direction of our biographies through personal effort (also called "agency"). This course examines the dynamic between society and agency, which becomes especially interesting in times of social change, when societies redefine the paths that lives can take.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 63. First-Year Seminar: Cooperation and Conflict. 3 Credits.**

The course examines cooperation and conflict in settings where there is no state and legal system that enforces rules of conduct: early encounters of Europeans and non-Europeans; migrants and colonists in a wilderness, such as New England Puritans and Mormons in Utah; good Samaritans who rescue strangers despite risks.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 64. First-Year Seminar: Equality of Educational Opportunity Then and Now. 3 Credits.**

Brown v. Board of Education centers on one of the most significant and controversial issues in American public education: equality of educational opportunity. This course examines race in America and its affect on public education before and after Brown. Topics include school segregation, curriculum tracking, and the black-white achievement gap.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 65. First-Year Seminar: Environment, Health, and Justice. 3 Credits.**

This course will use the environmental justice movement as a window to explore the dynamics of social movements, health disparities, and social policy.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 66. First-Year Seminar: Citizenship and Society in the United States. 3 Credits.**

Americans are taught that democracy and citizenship go hand in hand: being a good citizen may mean voting, writing letters, and taking other actions to "make one's voice heard." This course examines what citizenship has meant during the course of American history.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**SOCI 67. First-Year Seminar: America in the 1960s. 3 Credits.**

The 1960s were a period of great social upheaval. The course will examine many aspects of American culture: how we organized racial and gender relations; how we expressed our morality through music, art, and film; how we thought about God and spirituality; and how we practiced politics, among others. It will also look at the roots of the 1960s in the events of the 1940s and 1950s and examine a few of the legacies.

**Gen Ed:** SS, CI, US.

**Grading status:** Letter grade.

**SOCI 68. First-Year Seminar: Immigration in Contemporary America. 3 Credits.**

This seminar compares and contrasts historical and contemporary immigration to the United States and then explores the development a migrant community in North Carolina. We will study why people migrate, how citizens respond to migration, how the federal government regulates migration, how local communities manage the settlement of its newcomers.

**Gen Ed:** SS, CI, GL.

**Grading status:** Letter grade.

**SOCI 69. First-Year Seminar: Human Societies and Genomics. 3 Credits.**

Familiarity with basic genetics or a social science field is helpful. This course focuses on how advances in molecular genomics over the past decades benefit sociology and other social sciences.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 70. First-Year Seminar: Difficult Dialogues. 3 Credits.**

Provides tools for comprehensive, frank, civil conversations on controversial topics.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 71. First-Year Seminar: The Pursuit of Happiness. 3 Credits.**

Examines the nature, causes, and consequences of happiness from diverse social science perspectives. Addresses such questions as, What is happiness? Can we measure happiness? If so, how? Does money buy happiness? Does happiness vary among social groups, cultures, and nations? What is the role of happiness in formulating public policies?

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 71H. First-Year Seminar: The Pursuit of Happiness. 3 Credits.**

Examines the nature, causes, and consequences of happiness from diverse social science perspectives. Addresses such questions as, What is happiness? Can we measure happiness? If so, how? Does money buy happiness? Does happiness vary among social groups, cultures, and nations? What is the role of happiness in formulating public policies?

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 72. First-Year Seminar: Race and Ethnicity in the United States. 3 Credits.**

In this seminar, students delve into the meaning and measurement of race in society, how it changes over time and space, and what it signals for the future of race/ethnic relations in the United States. Seminar activities include data collection and analysis and critical examination of race/ethnicity in popular culture.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.



**SOCI 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**SOCI 89H. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**SOCI 101. Sociological Perspectives. 3 Credits.**

Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 101H. Sociological Perspectives. 3 Credits.**

Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 111. Human Societies. 3 Credits.**

An introduction to comparative sociology. The course surveys social inequality in human societies. Topics include a discussion of major types of societies that existed, social inequality across social classes, gender and race/ethnicities, as well as population issues, development of technology, and family structure that underlie a society's stratification system.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 112. Social Interaction. 3 Credits.**

The individual in society. An examination of how people conduct their interactions with others in different kinds of social relationships. Emphasis on the social psychological causes and consequences of such conduct.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 115. Regional Sociology of the South. 3 Credits.**

Description and analysis of social aspects of the American South. Emphasis is on recent development and its effects on institutions and culture.

**Gen Ed:** SS, NA.

**Grading status:** Letter grade.

**SOCI 121. Population Problems. 3 Credits.**

Social and economic causes of population structure and change. Illustrations drawn from developing countries and the less developed regions and sections of the United States.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 122. Race and Ethnic Relations. 3 Credits.**

Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**SOCI 123. Crime and Delinquency. 3 Credits.**

The nature and extent of crime and delinquency; emphasis upon contemporary theories of their causation; examination of correctional programs.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 124. Sex and Gender in Society. 3 Credits.**

Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** WGST 124.

**SOCI 130. Family and Society. 3 Credits.**

Comparative analysis of kinship systems and family relations. Courtship, marriage, and parent-child relations viewed within a life-cycle framework. Students may not receive credit for both SOCI 130 and SOCI 425.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 131. Social Relations in the Workplace. 3 Credits.**

Meaning and content of work in modern industrial society. Preparation for work; autonomy and control; inequality; consequences for health, safety, and family life.

**Grading status:** Letter grade

**Same as:** MNGT 131.

**SOCI 133. Sociology of Politics. 3 Credits.**

Patterns of participation in political institutions, public policy, conflict within and between communities and other interest groups, the nature of citizenship in modern society, politics and social change.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 140. Historical Sociology of Christianity. 3 Credits.**

Takes an historical sociology approach to the study of Christianity. Examines the social conditions that helped give rise to the early Christian movement, follows Christianity as it influences and is influenced by social forces at key points in its historical development, and considers important contemporary developments around the globe.

**Grading status:** Letter grade

**Same as:** RELI 234.

**SOCI 165. Introduction to Aging. 1 Credit.**

This course sensitizes students to the diversity of the aging population and the aging experience, recognizes the capacity of older adults for their contributions to society, and fosters intergenerational communication.

**Grading status:** Letter grade.

**SOCI 172. Introduction to Population Health in the United States. 3 Credits.**

This course aims to provide an introduction to the study of population health in the United States. Key goals include understanding the measurement and theoretical frameworks underlying the study of population health, understanding trends and disparities in U.S. population health, and understanding policy options to improve population health.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**SOCI 250. Sociological Theory. 3 Credits.**

Required of sociology majors. A study of theoretical perspectives in sociology, their relation to contemporary social issues, and their roots in classical social thought. Students may not receive credit for both SOCI 250 and SOCI 253.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**SOCI 251. Research Methods. 3 Credits.**

Required of sociology majors. Methods of data collection, with attention to problem selection, sources of information, choice of methods, and research design. Operationalization and measurement; sampling, construction of questionnaires, and interviewing; observation techniques; experimentation.

**Grading status:** Letter grade.

**SOCI 252. Data Analysis. 3 Credits.**

Required of sociology majors. Methods of data analysis: descriptive statistics, elements of probability, and inferential statistics and multivariate analysis to permit causal inference.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**SOCI 253. Sociological Theory - Experiential. 3 Credits.**

A study of theoretical perspectives in sociology, their relation to contemporary social issues, and their roots in classical social thought, taught through experiential examples. Students may not receive credit for both SOCI 253 and SOCI 250.

**Requisites:** Prerequisite, SOCI 101; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**SOCI 260. Crisis and Change in Russia and Eastern Europe. 3 Credits.**

Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** POLI 260, PWAD 260.

**SOCI 273. Social and Economic Justice, Experiential Education. 3 Credits.**

Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. This course has a 30-hour service-learning component. Students may not receive credit for both SOCI 273 and SOCI 274.

**Gen Ed:** PH, EE- Service Learning.

**Grading status:** Letter grade.

**SOCI 274. Social and Economic Justice. 3 Credits.**

Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. Students may not receive credit for both SOCI 273 and SOCI 274.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**SOCI 277. Societies and Genomics. 3 Credits.**

The course examines how human genomic information can be incorporated into social sciences. Topics include twin studies; an introduction to basic principles of molecular genetics; evolutionary psychology; sex, gender, and genomics; ethical issues in genetic studies; and epigenetics.

**Grading status:** Letter grade.

**SOCI 290. Special Topics in Sociology. 3 Credits.**

Periodic offering of courses on developing topics in the field.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**SOCI 301. American Colleges and Universities: Junior Transfer Seminar. 3 Credits.**

This course examines American colleges and universities from several perspectives, ranging from the individual student's experience to the role of higher education in larger social systems. Students will compare the unique needs of these diverse institutions as well as the populations they serve. Does not count toward the sociology major.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade.

**SOCI 390. Sociological Analysis: Special Topics. 3 Credits.**

Examines selected topics from a sociological perspective. Course description for a particular semester is available in the department office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**SOCI 393. Independent Experiential Internship. 1-3 Credits.**

Permission of the department. This course is an internship experience directly relevant to the student's academic progress in sociology and/or management and society. Pass/Fail only.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**SOCI 396. Independent Study and Reading. 1-6 Credits.**

Permission of the director of undergraduate studies. Special reading and research in a selected field under the direction of a member of the department.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****SOCI 410. Formal Organizations and Bureaucracy. 3 Credits.**

Varieties of organizational forms, their structures and processes; creation, persistence, transformation, and demise; role of organizations in contemporary society.

**Grading status:** Letter grade

**Same as:** MNGT 410.

**SOCI 411. Social Movements and Collective Behavior. 3 Credits.**

Study of nonroutine collective actions such as demonstrations, strikes, riots, social movements, and revolutions, with an emphasis on recent and contemporary movements. Students may not receive credit for both SOCI 413 and SOCI 411.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PWAD 411.

**SOCI 412. Social Stratification. 3 Credits.**

Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.

**Grading status:** Letter grade

**Same as:** MNGT 412.

**SOCI 413. Social Movements and Collective Behavior, Experiential. 3 Credits.**

Study of nonroutine collective actions such as demonstrations, strikes, riots, social movements, and revolutions, with an emphasis on recent and contemporary movements. Substantial field work for experiential education. Students may not receive credit for both SOCI 413 and SOCI 411.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade.

**SOCI 414. The City and Urbanization. 3 Credits.**

The city as a social, spatial, and political-economic phenomenon in the modern world. Analysis of urban demographic trends, spatial characteristics and economic functions. Substantive topics include segregation, social turmoil, unemployment, fiscal problems, suburbanization, and urban public policy. Students may not receive credit for both SOCI 414 and SOCI 417.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 415. Economy and Society. 3 Credits.**

Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.

**Grading status:** Letter grade

**Same as:** MNGT 415.

**SOCI 416. Comparative Perspectives on Contemporary International Migration and Social Membership. 3-4 Credits.**

This course provides a special focus on international migration and social membership/citizenship across a number of advanced industrial immigrant-receiving states.

**Gen Ed:** EE- Service Learning, GL.

**Grading status:** Letter grade.

**SOCI 417. The City and Urbanization, Experiential Education. 3 Credits.**

The city as a social, spatial, and political-economic phenomenon in the modern world. Analysis of urban demographic trends, spatial characteristics, and economic functions. Substantive topics include segregation, social turmoil, unemployment, fiscal problems, suburbanization, and urban public policy. Students may not receive credit for both SOCI 414 and SOCI 417.

**Gen Ed:** SS, EE- Service Learning.

**Grading status:** Letter grade.

**SOCI 418. Contemporary Chinese Society. 3 Credits.**

Designed to help students read complex pictures of contemporary China and to understand how China's rise affected people's lives, both inside and outside of China, from a sociological perspective. The course does not assume any background in Chinese studies.

**Gen Ed:** BN.

**Grading status:** Letter grade.

**SOCI 419. Sociology of the Islamic World. 3 Credits.**

Investigates issues such as tradition and social change, religious authority and contestation, and state building and opposition in Muslim societies in the Middle East and around the world.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**SOCI 420. Political Sociology. 3 Credits.**

Analysis of the reciprocal influences of state and social organizations upon each other; the social bases of political authority and stability, of revolution and counterrevolution.

**Grading status:** Letter grade.

**SOCI 422. Sociology of Mental Health and Illness. 3 Credits.**

Examines the uniqueness of the sociological perspective in understanding mental health and illness. Draws upon various theoretical perspectives to best understand patterns, trends, and definitions of mental health and illness in social context. Focuses on how social factors influence definitions, perceptions, patterns, and trends of mental health and illness.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 423. Sociology of Education, Experiential Education. 3 Credits.**

An overview of theory and research on education and schooling, with an emphasis on inequalities in educational opportunities, education as a social institution, and the changing context of schools and schooling. Substantial field work for experiential education. Students may not receive credit for both SOCI 423 and SOCI 426.

**Gen Ed:** SS, EE- Service Learning.

**Grading status:** Letter grade.

**SOCI 424. Law and Society. 3 Credits.**

A sociological analysis of comparative legal systems, the role of law in social change and in shaping social behavior. Topics may include the legal profession, property distribution, and the role of law in achieving racial and sexual justice.

**Grading status:** Letter grade.

**SOCI 425. Family and Society, Junior/Senior Section. 3 Credits.**

A special version of SOCI 130 for juniors, seniors, and beginning graduate students. Students may not receive credit for both SOCI 425 and SOCI 130.

**Grading status:** Letter grade.

**SOCI 426. Sociology of Education. 3 Credits.**

An overview of theory and research on education and schooling, with an emphasis on inequalities in educational opportunities, education as a social institution, and the changing context of schools and schooling. Students may not receive credit for both SOCI 423 and SOCI 426.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 427. The Labor Force. 3 Credits.**

Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** MNGT 427.

**SOCI 428. Sociology of Art. 3 Credits.**

Connections between artworks, art theory, and social theory are examined. Approaches in the fine arts and the social sciences are examined.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 429. Religion and Society. 3 Credits.**

Sociological analysis of group beliefs and practices, both traditionally religious and secular, through which fundamental life experiences are given coherence and meaning.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** RELI 429.

**SOCI 431. Aging. 3 Credits.**

The process of aging from birth to death, with a concentration on the later years of life, examined from a broad perspective. Topics include individual change over the life-course, the social context of aging, and the aging of American society.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 433. Immigration in Contemporary America. 3 Credits.**

This course introduces students to reasons why people migrate, how citizens respond to that migration, how the federal government regulates migration, and how local communities manage the settlement of newcomers. By the end of the course students should have a solid understanding of major debates in the study of immigration.

**Grading status:** Letter grade.

**SOCI 442. Conflict and Bargaining. 3 Credits.**

Conflict and conflict-resolution behavior. Applications to labor-management relations, family, sports, community politics, international relations.

**Grading status:** Letter grade

**Same as:** PWAD 442.

**SOCI 444. Race, Class, and Gender. 3 Credits.**

Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.

**Grading status:** Letter grade

**Same as:** WGST 444.

**SOCI 445. Sociology of Emotions. 3 Credits.**

The course examines how emotions are organized within social groupings and institutions. Differences in socialization by gender, ethnicity, social class, and age will be explored.

**Grading status:** Letter grade.

**SOCI 450. Theory and Problems of Developing Societies. 3 Credits.**

Theories concerning the development process (motivational vs. institutional economics vs. political and social development; similarity of sequential states and outcomes) will be related to policy problems facing the developing nations.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**SOCI 453. Social Change in Latin America. 3 Credits.**

Introduction to Latin American ideologies and values; economic and demographic changes; major pressure groups (old elites, entrepreneurs, peasants and working classes, military and intellectuals); and relations with the United States.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade.

**SOCI 460. Contemporary Social Theory. 3 Credits.**

Analysis of current problems in general social theory; action and structure, justice and equity, social change and reproduction. Contrast and evaluation of leading approaches to solutions.

**Requisites:** Prerequisite, SOCI 250.

**Grading status:** Letter grade.

**SOCI 468. United States Poverty and Public Policy. 3 Credits.**

This course examines issues of poverty and social policy, single-mother families, the welfare debate, and homelessness.

**Grading status:** Letter grade.

**SOCI 469. Health and Society. 3 Credits.**

The primary objective of the course is to explain how and why particular social arrangements affect the types and distribution of diseases, as well as the types of health promotion and disease prevention practices that societies promote.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**SOCI 470. Human Rights. 3 Credits.**

Human rights are inherent in the advance of peace, security, prosperity, and social equity. They are shared by the global community, yet require local embedding. Course includes a service-learning component.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**SOCI 481. Managing International Conflict. 3 Credits.**

This course introduces the principles of international cooperation and conflict resolution; theories of how international agreements develop or break down; and the logic of mediation, arbitration, and negotiation.

**Grading status:** Letter grade.

**SOCI 620. Aging and Cohort Analysis in Social and Epidemiologic Research: Models, Methods, and Innovations. 3 Credits.**

Required preparation, basic statistics courses. This seminar introduces guidelines for conducting aging and cohort analysis in social and epidemiologic research in which time and change are concerns. Uses three common research designs with an emphasis on new analytic models and methods.

**Grading status:** Letter grade.

**SOCI 691H. Senior Honors Research and Seminar. 3 Credits.**

Permission of the department. SOCI 691H is required of senior honors candidates. Individual student research (under supervision of an advisor). Weekly seminar to discuss work on honors thesis, as well as special topics in sociology.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**SOCI 692H. Senior Honors Research and Seminar. 3 Credits.**

Permission of the department. Individual student research under supervision of an advisor. Weekly seminar to discuss work on honors thesis as well as special topics in sociology.

**Requisites:** Prerequisite, SOCI 691H.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.

**SOCI 696. Undergraduate/Graduate Study in Sociology. 3-4 Credits.**

Permission of the instructor. Graduate study in sociology for undergraduate students. Undergraduate students taking a 700- or 800-level course in sociology register via this course and complete all requirements for the associated graduate course.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## Sociology Major, B.A.

### Contact Information

#### Department of Sociology

Visit Program Website (<http://www.unc.edu/depts/soc>)

155 Hamilton Hall, CB# 3210

(919) 962-1007

#### Howard Aldrich, Director of Undergraduate Studies

Howard\_Aldrich@unc.edu

#### Claire Chipman, Assistant Director of Undergraduate Studies

cchipman@live.unc.edu

#### Kenneth Andrews, Chair

ka1@email.unc.edu

#### Leah Elms, Student Services Manager

leahelms@email.unc.edu

The undergraduate major in sociology at UNC–Chapel Hill provides students with theoretical and methodological tools, and substantive insights for understanding human social life and institutions. The major is designed to offer its students training in critical thinking, analytical problem solving, reasoned judgment, and effective communication as well as broad knowledge of human relations and social systems, providing useful tools for a variety of careers. The curriculum and requirements are flexible enough to permit students to tailor their program to fit individual needs and interests. The undergraduate sociology program includes opportunities to put sociological ideas into practice through research by means of independent studies, theses, and internships.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 890)
- Management and Society Major, B.A. (p. 893)

### Minor

- Health and Society Minor (p. 896)
- Social and Economic Justice Minor (p. 896)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)

## Student Learning Outcomes

Upon completion of the sociology program, students should be able to:

- Make links between human action/consciousness and social forces/social contexts. This will include identifying how human behavior and consciousness are shaped by the social and, in turn, how the social can be changed by individual behavior and collective action
- Identify and define major sociological concepts and apply these concepts to social reality. Examples of concepts include norms, roles, social institutions, social stratification, power, authority, class, gender, race, social capital, life course, social networks, and social control
- Propose an appropriate research design for studying a social phenomenon, including assessing the data and methods that would be appropriate for any given study of social phenomena
- Describe and compare several major theoretical perspectives used by sociologists (examples include functionalism, conflict theory, institutional theory, feminist theory, and symbolic interactionism), and be able to apply these perspectives to social phenomena (poverty, human capital, inequality, inter-group conflict, etc.)

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
SOCI 101	Sociological Perspectives (with a grade of C or better) <sup>1, H</sup>	3
SOCI 250 or SOCI 253	Sociological Theory Sociological Theory - Experiential	3
SOCI 251	Research Methods	3
SOCI 252	Data Analysis (taken during the junior year, if possible) <sup>2</sup>	3
Three SOCI electives numbered above 400 (upper-level). With permission of the director of undergraduate studies, one of the following courses may count as a 400-level elective:		9
SOCI 290	Special Topics in Sociology	
SOCI 396	Independent Study and Reading	
SOCI 691H	Senior Honors Research and Seminar	
SOCI 692H	Senior Honors Research and Seminar	
Two additional three-hour SOCI courses (six hours) <sup>3</sup>		6
<b>Total Hours</b>		<b>27</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> If possible, SOCI 101 should be taken by the end of the sophomore year.



<sup>2</sup> Students who are double majoring in psychology and sociology may replace SOCI 252 with PSYC 210 plus (+) an additional 400-level SOCI course.

<sup>3</sup> First-year seminars in sociology can count toward the major but may be taken only by first-year students.

Sociology (SOCI) course descriptions (p. 883).

University graduation credit will be given for only one in each of the following sets of courses:

Code	Title	Hours
SOCI 130 & SOCI 425	Family and Society and Family and Society, Junior/Senior Section	3
SOCI 250 & SOCI 253	Sociological Theory and Sociological Theory - Experiential	3
SOCI 273 & SOCI 274	Social and Economic Justice, Experiential Education and Social and Economic Justice	3
SOCI 411 & SOCI 413	Social Movements and Collective Behavior and Social Movements and Collective Behavior, Experiential	3
SOCI 414 & SOCI 417	The City and Urbanization and The City and Urbanization, Experiential Education	3
SOCI 423 & SOCI 426	Sociology of Education, Experiential Education and Sociology of Education	3

Students must earn grades of C or better in SOCI 101 and at least 18 hours in the major.

## Courses in Career Areas

The sociology major provides an excellent foundation for many careers. We recommend the following clusters of courses for students with specific career goals in the following areas:

### Business and Industry

Code	Title	Hours
SOCI 131	Social Relations in the Workplace	3
SOCI 251	Research Methods	3
SOCI 252	Data Analysis	3
SOCI 410	Formal Organizations and Bureaucracy	3
SOCI 415	Economy and Society	3
SOCI 427	The Labor Force	3

### International Affairs and Development

Code	Title	Hours
SOCI 420	Political Sociology	3
SOCI 450	Theory and Problems of Developing Societies	3
SOCI 453	Social Change in Latin America	3

### Education

Code	Title	Hours
SOCI 412	Social Stratification	3
SOCI 423	Sociology of Education, Experiential Education	3
SOCI 426	Sociology of Education	3

### Law

Code	Title	Hours
SOCI 122	Race and Ethnic Relations	3
SOCI 123	Crime and Delinquency	3
SOCI 133	Sociology of Politics	3
SOCI 273	Social and Economic Justice, Experiential Education	3
SOCI 274	Social and Economic Justice	3
SOCI 420	Political Sociology	3
SOCI 424	Law and Society	3
SOCI 442	Conflict and Bargaining	3

### Public Policy

Code	Title	Hours
SOCI 133	Sociology of Politics	3
SOCI 251	Research Methods	3
SOCI 252	Data Analysis	3
SOCI 273	Social and Economic Justice, Experiential Education	3
SOCI 274	Social and Economic Justice	3
SOCI 412	Social Stratification	3
SOCI 414	The City and Urbanization	3
SOCI 415	Economy and Society	3
SOCI 417	The City and Urbanization, Experiential Education	3
SOCI 420	Political Sociology	3
SOCI 422	Sociology of Mental Health and Illness	3
SOCI 424	Law and Society	3
SOCI 429	Religion and Society	3
SOCI 431	Aging	3
SOCI 468	United States Poverty and Public Policy	3

### Community Service, Organizing, and Advocacy

Code	Title	Hours
SOCI 133	Sociology of Politics	3
SOCI 273	Social and Economic Justice, Experiential Education	3
SOCI 274	Social and Economic Justice	3
SOCI 411	Social Movements and Collective Behavior	3
SOCI 412	Social Stratification	3
SOCI 413	Social Movements and Collective Behavior, Experiential	3
SOCI 427	The Labor Force	3
SOCI 429	Religion and Society	3
SOCI 468	United States Poverty and Public Policy	3

### Medicine and Public Health

Code	Title	Hours
SOCI 251	Research Methods	3
SOCI 252	Data Analysis	3
SOCI 422	Sociology of Mental Health and Illness	3
SOCI 431	Aging	3
SOCI 468	United States Poverty and Public Policy	3
SOCI 469	Health and Society	3

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

Course	Title	Hours
<b>First Year</b>		
SOCI 101	Sociological Perspectives <sup>H</sup>	3
SOCI --	Sociology elective	3
Hours		6
<b>Sophomore Year</b>		
SOCI --	Sociology elective	3
SOCI 250	Sociological Theory	3
Hours		6
<b>Junior Year</b>		
SOCI 251	Research Methods (Fall semester)	3
SOCI 252	Data Analysis (Spring semester)	3
SOCI 4--	Sociology 400-level elective	3
Hours		9
<b>Senior Year</b>		
SOCI 4--	Sociology 400-level elective	3
SOCI 4--	Sociology 400-level elective	3
Hours		6
Total Hours		27

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan Two (Honors Track)

Course	Title	Hours
<b>First Year</b>		
SOCI 101	Sociological Perspectives <sup>H</sup>	3
SOCI --	Sociology elective	3
Hours		6
<b>Sophomore Year</b>		
SOCI --	Sociology elective	3
SOCI 250	Sociological Theory	3
Hours		6
<b>Junior Year</b>		
SOCI 251	Research Methods (Fall semester)	3
SOCI 252	Data Analysis (Spring semester)	3
SOCI 4--	Sociology 400-level elective	3
Hours		9
<b>Senior Year</b>		
SOCI 4--	Sociology 400-level elective	3
SOCI 691H	Senior Honors Research and Seminar <sup>1</sup>	3

SOCI 692H	Senior Honors Research and Seminar <sup>1</sup>	3
Hours		9
Total Hours		30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> SOCI 691H or SOCI 692H (but not both) can be counted as three (3) hours and a 400-level elective course.

## Special Opportunities in Sociology and Management and Society Honors in Sociology

The department attempts to identify and invite all qualified students to participate in the senior honors program. Students who are not contacted, especially double majors, transfer students, and students who declare their major in sociology relatively late in their college careers, are encouraged to speak with their major advisor or the department's honors advisor no later than the preregistration period during the second semester of their junior year.

To graduate with honors in sociology, a major must meet the following requirements:

- At least a 3.3 cumulative grade point average in major courses and all courses taken at the University
- Completion of an honors thesis based on independent study, which may involve collection of data by the student, under the supervision of a faculty thesis advisor
- Participation in an honors seminar program during the fall and spring semesters of the senior year.

Students may receive credit for one or both senior honors research and seminar courses (SOCI 691H and SOCI 692H) depending on the extent of their thesis work.

For more information on honors, contact Professor Howard Aldrich (howard\_aldrich@unc.edu), CB# 3210, 202 Hamilton Hall, (919) 962-5044.

## Honors in Management and Society

A student may, as a result of distinguished work (3.3 grade point average or higher), be awarded a degree with honors or highest honors. This requires completion of a senior honors thesis. Interested students should contact the management and society office for more information. Honors students should enroll in MNGT 691H and MNGT 692H. MNGT 692H will fulfill one of the course requirements from the social context of business group listed above.

## Student Clubs

The Sociology Club is a student-run, student-driven organization that may provide relevant presentations, discussions, guidance, and/or service opportunities in sociology. The Society for Human Resources Management (SHRM) is a student-run, student-driven organization that may provide relevant presentations, discussions, guidance, and/or service and intern opportunities in management and society.

## Independent Study and Reading

SOCI 396 may be taken for one to three hours of course credit depending on the amount of academic work planned by the student. It is usually

taken by juniors and seniors who have completed at least two or three courses in sociology. Students may use independent study to

- Do reading and research in an area in which no course is offered
- Take advanced or more specialized coursework in a specific area of sociology

After an area of study has been selected, the student contacts a faculty member in the department whose interests are in or related to the topic area. If the faculty member agrees to direct the student's independent study, the student needs final approval by the department's director of undergraduate studies. It is the student's and faculty supervisor's responsibility to determine the amount of reading and/or outside work to be done, the frequency with which the student's progress will be assessed, and the papers or examinations that will constitute the course requirements. An approved learning contract is necessary, and some written work involving sociological analysis is required to receive credit for SOCI 396. Students must sign up for SOCI 396 before the end of the first week of classes.

### Independent Experiential Internship

Students may combine employment and study in the form of an internship program for which they receive one to three academic credits through SOCI 393. The student must assume responsibility for employment arrangements. Students may not receive credit for paid employment. The student contacts a faculty member in the department whose interests are in or related to the area of the internship. If the faculty member agrees to direct the internship, the student needs final approval by the department's director of undergraduate studies. Credit is not provided for the internship alone; some written work involving sociological analysis is required to receive credit for SOCI 393. Because of the expectation that students doing an internship for academic credit will conduct substantive sociological analysis, it is very important that planning begin early. Students must secure all approvals for the contract before the first day of the internship.

### Undergraduate Howard W. Odum Award

The Undergraduate Howard W. Odum Award is presented yearly to a graduating senior who has displayed excellence in undergraduate sociological achievement. This award was established in 1967 in honor of Professor Howard Odum, who founded and first chaired the UNC–Chapel Hill Department of Sociology. Odum was a pioneer in American sociology and a major influence on the discipline. The department faculty selects the recipient of the annual award on the basis of grade records and other demonstrations of academic talent and accomplishment as an undergraduate.

### Undergraduate Research

Students interested in working with faculty on their research projects should contact the Office for Undergraduate Research for more information and also speak with the director of undergraduate studies.

## Management and Society Major, B.A.

### Contact Information

#### Department of Sociology

Visit Program Website (<http://www.unc.edu/depts/soc>)  
155 Hamilton Hall, CB# 3210  
(919) 962-1007

**Claire Chipman, Assistant Director of Undergraduate Studies**

[cchipman@live.unc.edu](mailto:cchipman@live.unc.edu)

#### Kenneth Andrews, Chair

[kta1@email.unc.edu](mailto:kta1@email.unc.edu)

#### Leah Elms, Student Services Manager

[leahelms@email.unc.edu](mailto:leahelms@email.unc.edu)

Management and society is an interdisciplinary major that focuses on the institutional context and inner workings of organizations. The major prepares students for a variety of positions in private or public-sector organizations. Additionally, many students find the curriculum to be excellent preparation for a variety of business-oriented graduate and professional degree programs.

Some students have combined management and society with majors in such academic disciplines as economics, sociology, psychology, public policy, history, and political science.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 890)
- Management and Society Major, B.A. (p. 893)

### Minor

- Health and Society Minor (p. 896)
- Social and Economic Justice Minor (p. 896)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)

## Student Learning Outcomes

Upon completion of the management and society program, students should be able to:

- Identify different types of workplace conditions — e.g., the effects of communication, authority structure, levels of worker interdependence, and demographic characteristics of workers — and their consequences on worker morale and productivity
- Trace the history, implementation, and consequences of specific public policies affecting the workforces of businesses, nonprofit organizations, and governmental organizations
- Identify and explain general social, historical, and economic forces that affect job markets and job stability

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
The major in management and society consists of 10 core courses grouped into the following four areas:		
Economics:		
ECON/MNGT 310	Microeconomics: Theory and Applications (by the end of the junior year)	3
or ECON 410	Intermediate Theory: Price and Distribution	
Employer-employee relations: one course from three of the five clusters below:		
Cluster 1:		
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	
Cluster 2:		
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
COMM/MNGT 223	Small Group Communication	
COMM 325	Introduction to Organizational Communication <sup>H</sup>	
PSYC 563	Small Groups	
Cluster 3:		
MNGT/SOCI 131	Social Relations in the Workplace	
Cluster 4:		
PSYC 260	Social Psychology <sup>H</sup>	
SOCI 112	Social Interaction	
Cluster 5:		
PSYC 531	Tests and Measurement	
Human resources and labor markets:		
ECON/MNGT 380	The Economics of Labor Relations <sup>1</sup>	3
MNGT/SOCI 427	The Labor Force	3
The social context of business:		
ECON/MNGT 345	Public Policy Toward Business <sup>1</sup>	3
MNGT/SOCI 410	Formal Organizations and Bureaucracy	3
Two additional courses are required, one course from two of the four clusters below:		
Cluster 1:		
ECON/MNGT 330	Economic History of the United States <sup>1</sup>	
HIST/MNGT 364	History of American Business	
Cluster 2:		
HIST/MNGT 365	The Worker and American Life	
Cluster 3:		
MNGT/SOCI 412	Social Stratification	
Cluster 4:		
MNGT/SOCI 415	Economy and Society	
<b>Additional Requirements</b>		
One of the following:		3-4

MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
STOR 112	Decision Models for Business	
STOR 113	Decision Models for Business and Economics	
PSYC 101	General Psychology	3
ECON 101	Introduction to Economics <sup>H</sup>	3
HIST 128	American History since 1865	3
SOCI 101	Sociological Perspectives <sup>H</sup>	3
One of the following applied statistics courses outside the major:		3
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	
SOCI 252	Data Analysis	
<b>Total Hours</b>		<b>48-49</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Double majors in economics and management and society may take ECON 430 instead of ECON 330, ECON 445 instead of ECON 345, and ECON 480 instead of ECON 380.

All General Education requirements must be met. Students must earn at least 21 hours of C or better grades in the major core. Some of the core courses are cross-listed.

### Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
ECON 101	Introduction to Economics <sup>H</sup>	3
PSYC 101	General Psychology	3
SOCI 101	Sociological Perspectives <sup>H</sup>	3
One of the following:		3-4
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
STOR 112	Decision Models for Business	
STOR 113	Decision Models for Business and Economics	
<b>Hours</b>		<b>12-13</b>
<b>Sophomore Year</b>		
HIST 128	American History since 1865	3
Employee-Employer Relations course #1 (see cluster list) <sup>1</sup>		3
Employee-Employer Relations course #2 (see cluster list) <sup>1</sup>		3
MNGT 410	Formal Organizations and Bureaucracy (SOCI 410)	3
<b>Hours</b>		<b>12</b>

**Junior Year**

ECON 310	Microeconomics: Theory and Applications	3
or	or Microeconomics: Theory and Applications	
MNGT 310	or Intermediate Theory: Price and Distribution	
or		
ECON 410		
ECON 400	Introduction to Statistics and Econometrics <sup>H</sup>	3
or	or Statistical Principles of Psychological	
PSYC 210	Research	
or	or Data Analysis	
SOCI 252		
ECON 380	The Economics of Labor Relations	3
or	or The Economics of Labor Relations	
MNGT 380		
Additional course #1 (see cluster list)		3
Hours		12

**Senior Year**

MNGT 427	The Labor Force	3
or	or The Labor Force	
SOCI 427		
ECON 345	Public Policy Toward Business	3
or	or Public Policy Toward Business	
MNGT 345		
Employee-Employer Relations course #3 (see cluster list) <sup>1</sup>		3
Additional course #2 (see cluster list)		3
Hours		12
Total Hours		48-49

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> If hoping to take BUSI 405, students will need to apply for the course a full semester in advance through the Business School.

## Special Opportunities in Sociology and Management and Society

### Honors in Sociology

The department attempts to identify and invite all qualified students to participate in the senior honors program. Students who are not contacted, especially double majors, transfer students, and students who declare their major in sociology relatively late in their college careers, are encouraged to speak with their major advisor or the department’s honors advisor no later than the preregistration period during the second semester of their junior year.

To graduate with honors in sociology, a major must meet the following requirements:

- At least a 3.3 cumulative grade point average in major courses and all courses taken at the University
- Completion of an honors thesis based on independent study, which may involve collection of data by the student, under the supervision of a faculty thesis advisor
- Participation in an honors seminar program during the fall and spring semesters of the senior year.

Students may receive credit for one or both senior honors research and seminar courses (SOCI 691H and SOCI 692H) depending on the extent of their thesis work.

For more information on honors, contact Professor Howard Aldrich (howard\_aldrich@unc.edu), CB# 3210, 202 Hamilton Hall, (919) 962-5044.

### Honors in Management and Society

A student may, as a result of distinguished work (3.3 grade point average or higher), be awarded a degree with honors or highest honors. This requires completion of a senior honors thesis. Interested students should contact the management and society office for more information. Honors students should enroll in MNGT 691H and MNGT 692H. MNGT 692H will fulfill one of the course requirements from the social context of business group listed above.

### Student Clubs

The Sociology Club is a student-run, student-driven organization that may provide relevant presentations, discussions, guidance, and/or service opportunities in sociology. The Society for Human Resources Management (SHRM) is a student-run, student-driven organization that may provide relevant presentations, discussions, guidance, and/or service and intern opportunities in management and society.

### Independent Study and Reading

SOCI 396 may be taken for one to three hours of course credit depending on the amount of academic work planned by the student. It is usually taken by juniors and seniors who have completed at least two or three courses in sociology. Students may use independent study to

- Do reading and research in an area in which no course is offered
- Take advanced or more specialized coursework in a specific area of sociology

After an area of study has been selected, the student contacts a faculty member in the department whose interests are in or related to the topic area. If the faculty member agrees to direct the student’s independent study, the student needs final approval by the department’s director of undergraduate studies. It is the student’s and faculty supervisor’s responsibility to determine the amount of reading and/or outside work to be done, the frequency with which the student’s progress will be assessed, and the papers or examinations that will constitute the course requirements. An approved learning contract is necessary, and some written work involving sociological analysis is required to receive credit for SOCI 396. Students must sign up for SOCI 396 before the end of the first week of classes.

### Independent Experiential Internship

Students may combine employment and study in the form of an internship program for which they receive one to three academic credits through SOCI 393. The student must assume responsibility for employment arrangements. Students may not receive credit for paid employment. The student contacts a faculty member in the department whose interests are in or related to the area of the internship. If the faculty member agrees to direct the internship, the student needs final approval by the department’s director of undergraduate studies. Credit is not provided for the internship alone; some written work involving sociological analysis is required to receive credit for SOCI 393. Because of the expectation that students doing an internship for academic credit will conduct substantive sociological analysis, it is very important that



planning begin early. Students must secure all approvals for the contract before the first day of the internship.

### Undergraduate Howard W. Odum Award

The Undergraduate Howard W. Odum Award is presented yearly to a graduating senior who has displayed excellence in undergraduate sociological achievement. This award was established in 1967 in honor of Professor Howard Odum, who founded and first chaired the UNC–Chapel Hill Department of Sociology. Odum was a pioneer in American sociology and a major influence on the discipline. The department faculty selects the recipient of the annual award on the basis of grade records and other demonstrations of academic talent and accomplishment as an undergraduate.

### Undergraduate Research

Students interested in working with faculty on their research projects should contact the Office for Undergraduate Research for more information and also speak with the director of undergraduate studies.

## Health and Society Minor

### Contact Information

#### Department of Sociology

Visit Program Website (<http://www.unc.edu/depts/soc>)  
155 Hamilton Hall, CB# 3210  
(919) 962-1007

#### Kenneth Andrews, Chair

ka1@email.unc.edu

#### Leah Elms, Student Services Manager

leahelms@email.unc.edu

The minor in health and society provides students with an opportunity to examine contemporary health patterns and trends characterizing U.S. society and societies around the world, as well as sociologically-based explanations for those patterns and trends. It also provides students with an understanding of the social construction of health and illness in modern societies. The minor brings together courses focused specifically on linkages between health and society, along with courses focused on social organization and social stratification, to provide students with insights into the ways that societies define health and illness and how social organization and stratification influence population health.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 890)
- Management and Society Major, B.A. (p. 893)

### Minor

- Health and Society Minor (p. 896)
- Social and Economic Justice Minor (p. 896)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
SOCI 101	Sociological Perspectives <sup>H</sup>	3
SOCI 172	Introduction to Population Health in the United States	3
SOCI 422	Sociology of Mental Health and Illness	3
SOCI 469	Health and Society	3
One elective course chosen from the following list:		3
SOCI 121	Population Problems	
SOCI 122	Race and Ethnic Relations	
SOCI 124	Sex and Gender in Society	
SOCI 130	Family and Society	
SOCI 133	Sociology of Politics	
SOCI 274	Social and Economic Justice	
SOCI 277	Societies and Genomics	
SOCI 410	Formal Organizations and Bureaucracy	
SOCI 411	Social Movements and Collective Behavior	
SOCI 412	Social Stratification	
SOCI 414	The City and Urbanization	
SOCI 415	Economy and Society	
SOCI 420	Political Sociology	
SOCI 424	Law and Society	
SOCI 431	Aging	
SOCI 433	Immigration in Contemporary America	
SOCI 444	Race, Class, and Gender	
SOCI 468	United States Poverty and Public Policy	
Total Hours		15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

This minor is open to sociology (p. 890) majors and management and society (p. 893) majors, with the caveat that no more than 45 hours of SOCI course credit may be used toward fulfilling the B.A. graduation requirement in the College of Arts and Sciences.

See the program page here (p. 890) for special opportunities.

## Social and Economic Justice Minor

### Contact Information

#### Department of Sociology

Visit Program Website (<http://www.unc.edu/depts/soc>)  
155 Hamilton Hall, CB# 3210  
(919) 962-1007

Neal Caren, Director of Social and Economic Justice

neal.caren@unc.edu

**Alanna Gillis, Assistant Director of Social and Economic Justice**  
alannag@live.unc.edu

**Kenneth Andrews, Chair**  
kta1@email.unc.edu

**Leah Elms, Student Services Manager**  
leahelms@email.unc.edu

The minor in social and economic justice is designed for students who want to understand how to think analytically about issues of justice and how perspectives on justice can be joined with the pursuit of it. An overarching objective is fostering attitudes and knowledge about human rights; racial, ethnic, and gender equality; economic justice; democratic participation; sustainable development; diversity; and peace. It is especially appropriate for students who anticipate working in advocacy roles in nonprofit organizations, in local communities, or in governmental organizations. In these inquiries about justice, students engage scholarship in a variety of disciplines and traditions of practice.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 890)
- Management and Society Major, B.A. (p. 893)

### Minor

- Health and Society Minor (p. 896)
- Social and Economic Justice Minor (p. 896)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
One core course chosen from:		3
GEOG/PWAD 453	Political Geography	
GEOG/WGST 225	Space, Place, and Difference	
PHIL 273	Philosophical Perspectives on Justice	
SOCI 273	Social and Economic Justice, Experiential Education	
SOCI 274	Social and Economic Justice	

Three additional courses that cover at least two different areas (listed below) <sup>1</sup>	9
<b>Total Hours</b>	<b>12</b>

<sup>1</sup> Depending on the topic, independent study, special topics, and internship courses may be approved to fulfill the requirements for the minor with the explicit permission of the director.

A student may major in sociology and minor in social and economic justice; however, a student cannot count toward graduation more than 45 hours in SOCI courses. All college requirements about minors apply. In addition, only one course that a student is using to meet a General Education Approaches requirement may also be used to meet a minor requirement.

## Service Learning Component

Students are required to complete one service-learning experience, a requirement that can be met in one of three ways.

1. A student may take a course that includes a service-learning (APPLES) component.
2. After seeking and receiving the approval of the director of the minor, a student may take a one- to three-credit independent studies or special topics course (summer or academic term) with a faculty member.
3. A student may participate in the two-credit spring break course, HBEH 610, which meets the service-learning requirement but not a course requirement.

Note that core courses do not necessarily contain a service-learning component; check ConnectCarolina each semester to confirm that courses are listed as APPLES courses.

Thus, the minor is fulfilled with 12 to 13 credits, depending on whether the service-learning requirement is part of a three-credit course or is fulfilled in another way.

## Understanding Justice

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 232/ WGST 266	Black Women in America	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
ANTH 248	Anthropology and Public Interest	3
ANTH 422	Anthropology and Human Rights	3
ANTH 444	Medicine, Politics, and Justice	3
ANTH 539	Environmental Justice	3
ASIA/GEOG 267	South Asia	3
ECON 267	Comparative Economic Systems <sup>1</sup>	3
EDUC 533	Social Justice in Education	3
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	3
GEOG 259	Geography of Latin America	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG/PLAN 428	Global Cities: Space, Power, and Identity in the Built Environment	3

GLBL 487	Social Movements: Rethinking Globalization <sup>H</sup>	3	DRAM 288	Theatre for Social Change	3
HIST 142	Latin America under Colonial Rule	3	ECON 465	Economic Development <sup>1</sup>	3
HIST 143	Latin America since Independence	3	GEOG 56	First-Year Seminar: Local Places in a Globalizing World	3
PHIL 170	Social Ethics and Political Thought <sup>H</sup>	3	GEOG 458	Urban Latin America: Politics, Economy, and Society <sup>1</sup>	3
PHIL 280	Morality and Law <sup>H</sup>	3	GEOG 650	Technology and Democracy Research	3
PHIL 476	Recent Developments in Political Philosophy <sup>1</sup>	3	HIST/MNGT 365	The Worker and American Life	3
PHIL 480	Philosophy of Law	3	MEJO 141	Media Ethics	3
PHIL/WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3	MEJO 340	Introduction to Media Law: Journalism Focus	3
POLI 276	Major Issues in Political Theory <sup>H</sup>	3	MEJO 448	Freedom of Expression in the United States	3
POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3	PLCY 361	Health Policy and Politics	3
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3	SOCI 411	Social Movements and Collective Behavior	3
POLI/WGST 265	Feminism and Political Theory	3	SOCI 413	Social Movements and Collective Behavior, Experiential	3
SOCI 64	First-Year Seminar: Equality of Educational Opportunity Then and Now	3	SOCI 470	Human Rights	3
SOCI 65	First-Year Seminar: Environment, Health, and Justice	3	SOWO 490	Preprofessional Special Topic	1-6
SOCI 122	Race and Ethnic Relations	3	SOWO 492	Seminar in Service Learning	1-6
SOCI 414	The City and Urbanization	3	WGST 281	Gender and Global Change	3
SOCI 417	The City and Urbanization, Experiential Education	3	WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3
SOCI 424	Law and Society	3	WGST 410	Comparative Queer Politics	3
SOCI 469	Health and Society	3	WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3
SOCI/WGST 444	Race, Class, and Gender	3	WGST 583	Gender and Imperialism	3
SOWO 491	Community Organizing for Social Change	4			
WGST/HIST 313	Women and the Law in Africa and the Middle East	3			
WGST 388	The International Politics of Sexual and Reproductive Health	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Have departmental requirements that may or may not be waived. Students should consult course descriptions and discuss requirements with the instructor.

## Justice in Action

Code	Title	Hours	Code	Title	Hours
AAAD 403	Human Rights: Theories and Practices in Africa	3	AMST 294	American Studies Seminar on Aesthetic Perspective	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces <sup>1</sup>	3	AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3
AMST 398	Service Learning in America	3	ANTH 103	Anthropology of Globalization	3
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3	ANTH 120	Anthropology through Expressive Cultures	3
ANTH 240	Action Research	3	ANTH 467	Culture, Wealth, and Poverty	3
ANTH/GEOG/GLBL/HIST/POLI 210	Global Issues and Globalization	3	ANTH/PWAD 280	Anthropology of War and Peace	3
COMM 53	First-Year Seminar: Collective Leadership Models for Community Change	3	ASIA/GEOG 447	Gender, Space, and Place in the Middle East	3
COMM 260	Introduction to Performance and Social Change	3	COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 625	Communication and Nonprofits in the Global Context	3	COMM 140	Introduction to Media History, Theory, and Criticism <sup>H</sup>	3
COMM 650	Cultural Politics of Global Media Culture	3	COMM 624	Hate Speech	3
COMM/ENEC 375	Environmental Advocacy	3	ECON 480	Labor Economics <sup>1</sup>	3
DRAM 85	First-Year Seminar: Documentary Theatre <sup>H</sup>	3	ECON 586	Economics of the Family <sup>1</sup>	3
			ECON/EURO/PWAD 460	International Economics <sup>1</sup>	3
			ENEC/PLCY 520	Environment and Development	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Have departmental requirements that may or may not be waived. Students should consult course descriptions and discuss requirements with the instructor.

## The Context of Justice

ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ENGL 269	Introduction to Disability Studies	3
ENGL 465	Difference, Aesthetics, and Affect <sup>H</sup>	3
ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
GEOG 123	Cultural Geography	3
GEOG 232	Agriculture, Food, and Society	3
GEOG 423	Social Geography	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources	3
GEOG 470	Political Ecology: Geographical Perspectives	3
HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
HIST/WGST 280	Women and Gender in Latin American History	3
LING/GSLL 306	Language and Nationalism	3
MEJO 441	Diversity and Communication	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
POLI/WGST 217	Women and Politics	3
POLI/WGST 218	Politics of Sexuality	3
SOCI 420	Political Sociology	3
SOCI 423	Sociology of Education, Experiential Education	3
SOCI 426	Sociology of Education	3
SOCI 468	United States Poverty and Public Policy	3
SOCI/MNGT 412	Social Stratification	3
SOCI/WGST 124	Sex and Gender in Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Have departmental requirements that may or may not be waived. Students should consult course descriptions and discuss requirements with the instructor.

See the program page here (p. 890) for special opportunities.

# DEPARTMENT OF STATISTICS AND OPERATIONS RESEARCH

## Contact Information

**Department of Statistics and Operations Research**  
Visit Program Website (<http://www.stat-or.unc.edu>)  
318 Hanes Hall, CB# 3260  
(919) 843-6024

**Amarjit Budhiraja, Chair**

**Serhan Ziya, Director of Undergraduate Studies**  
[ziya@email.unc.edu](mailto:ziya@email.unc.edu)

**Alison Kieber, Administrative Services Assistant**  
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## Introduction

The major in statistics and analytics is an excellent program for students interested in statistical data science, operations research, and actuarial science, as well as in fields such as business, economics, public policy and health, psychology, and biomedicine where the decision and statistical sciences play an increasingly important role.

Particular areas in which graduates can obtain employment or continue with graduate study include

### Statistics

Probability and statistics are two of the most frequently applied areas in the mathematical decision sciences. Students in this area study the mathematical theories of probability and statistics and their application to mathematical models that contain an element of uncertainty or randomness. Opportunities for employment are manifold in businesses and government agencies dealing with many branches of the natural and social sciences, including pharmacology, environmental sciences, and many others.

### Operations Research

In this area, students study mathematical, statistical, and computational techniques related to decision making. Operations research is crucial in business, government, and other management areas where decisions are made by solving large, complex problems (for example, crew scheduling for airlines). In addition to their major courses, students interested in this field are encouraged to take courses in business and economics.

### Actuarial Science

Actuaries are mathematicians who work primarily in businesses that involve financial risk, including the insurance industry. Students interested in this field take advanced courses in statistics, stochastic processes, and the mathematical theory of risk.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. After contacting the statistics and analytics program office (see contact information above), all majors and minors are also assigned an undergraduate advisor in the department. The department's undergraduate advisors are available to discuss course planning with current majors and, if needed,

minors before registration each semester. The director of undergraduate studies works with prospective majors and minors by appointment. Additional information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://www.stat-or.unc.edu>) or by contacting the director of undergraduate studies.

## Courses for Students from Other Departments

The Department of Statistics and Operations Research offers a variety of courses of potential value to students majoring in other disciplines. Introductory courses include STOR 113 and STOR 215, which are foundation courses in decision models, and the basic statistical courses, STOR 151 and STOR 155. At the intermediate level, STOR 305 provides an introduction to business decision models, while STOR 471 is an introductory course in actuarial science. Substantial coverage of applied statistical methods is provided in STOR 455 and STOR 556. At more advanced mathematical levels, an introduction to probability theory is provided by STOR 435, and the basic theory of statistical inference is given by STOR 555. More advanced deterministic and stochastic models of operations research are provided in STOR 415 and STOR 445.

## Graduate School and Career Opportunities

Regardless of the electives chosen, the statistics and analytics degree program provides excellent preparation for graduate study. Graduates with concentrations in operations research or statistics often continue work at the graduate level in those fields or related areas such as industrial engineering, biostatistics, and environmental science, or enter business school to pursue the master's in business administration (M.B.A.) degree.

A five-year B.S.–M.S. degree program in operations research is also an option. Interested students should consult the director of graduate studies for the operations research program.

Graduates of the statistics and analytics program will find numerous opportunities for well-paid, challenging jobs.

### Major

- Statistics and Analytics Major, B.S. (p. 904)

### Minor

- Statistics and Analytics Minor (p. 906)

### Graduate Programs

- M.S. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research>)
- Ph.D. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research>)

## Professors

Amarjit Budhiraja, Edward Carlstein, Jan Hannig, Vidyadhar G. Kulkarni, Yufeng Liu, J. Stephen Marron, Andrew Nobel, Vladas Pipiras, Richard L. Smith, Serhan Ziya.

## Associate Professors

Nilay Argon, Shankar Bhamidi, Chuanshu Ji, Shu Lu, Gabor Pataki.



## Assistant Professors

Sayan Banerjee, Nicolas Fraiman, Quoc Tran-Dinh, Kai Zhang.

## Adjunct and Joint Professors

Jason Fine, Joseph Ibrahim, Michael Kosorok, Jayashankar Swaminathan.

## Lecturers

Robin Cunningham, Charles Dunn.

## Professors Emeriti

Charles R. Baker, George S. Fishman, Douglas G. Kelly, M. Ross Leadbetter, Scott Provan, David Rubin, Gordon D. Simons, Walter L. Smith, Shaler Stidham Jr., Jon W. Tolle.

## STOR—Statistics and Operations Research Undergraduate-level Courses

### STOR 52. First-Year Seminar: Decisions, Decisions, Decisions. 3 Credits.

In this course, we will investigate the structure of these decision problems, show how they can be solved (at least in principle), and solve some simple problems.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 53. FYS: Networks: Degrees of Separation and Other Phenomena Relating to Connected Systems. 3 Credits.

Networks, mathematical structures that are composed of nodes and a set of lines joining the nodes, are used to model a wide variety of familiar systems.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 54. First-Year Seminar: Adventures in Statistics. 3 Credits.

This seminar aims to show that contrary to common belief, statistics can be exciting and fun. The seminar will consist of three modules: statistics in our lives, randomness, and principles of statistical reasoning.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 55. First-Year Seminar: Risk and Uncertainty in the Real World. 3 Credits.

The aim of this class is to study the role of uncertainty in our daily lives, to explore the cognitive biases that impair us, and to understand how one uses quantitative models to make decisions under uncertainty in a wide array of fields including medicine, law, finance, and the sciences.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 56. First-Year Seminar: The Art and Science of Decision Making in War and Peace. 3 Credits.

This seminar will use recently assembled historical material to tell the exciting story of the origins and development of operations research during and after World War II.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 60. First-Year Seminar: Statistical Decision-Making Concepts. 3 Credits.

We will study some basic statistical decision-making procedures and the errors and losses they lead to. We will analyze the effects of randomness on decision making using computer experimentation and physical experiments with real random mechanisms like dice, cards, and so on.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 61. First-Year Seminar: Statistics for Environmental Change. 3 Credits.

Studies the Environmental Protection Agency's Criteria Document, mandated by the Clean Air Act; this document reviews current scientific evidence concerning airborne particulate matter. Students learn some of the statistical methods used to assess the connections between air pollution and mortality, and prepare reports on studies covered in the Criteria Document.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 62. First-Year Seminar: Probability and Paradoxes. 3 Credits.

The theory of probability, which can be used to model the uncertainty and chance that exist in the real world, often leads to surprising conclusions and seeming paradoxes. We survey and study these, along with other paradoxes and puzzling situations arising in logic, mathematics, and human behavior.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 63. FYS: Statistics, Biostatistics, and Bioinformatics: An Introduction to the Ongoing Evolution. 3 Credits.

This course is designed to emphasize the motivation, philosophy, and cultivation of statistical reasoning in the interdisciplinary areas of statistical science and bioinformatics.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 64. First-Year Seminar: A Random Walk down Wall Street. 3 Credits.

Introduces basic concepts in finance and economics, useful tools for collecting and summarizing financial data, and simple probability models for quantification of market uncertainty.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 66. First-Year Seminar: Visualizing Data. 3 Credits.

This seminar looks at a variety of ways in which modern computational tools allow easy and informative viewing of data. Students will also study the kinds of choices that have to be made in data presentation and viewing.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 72. First-Year Seminar: Unlocking the Genetic Code. 3 Credits.

Introduces students to the world of genetics and DNA and to the use of computers to organize and understand the complex systems associated with the structure and dynamics of DNA and heredity.

**Gen Ed:** QI.

**Grading status:** Letter grade.

### STOR 89. First-Year Seminar: Special Topics. 3 Credits.

Special Topics Course. Contents will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**STOR 112. Decision Models for Business. 3 Credits.**

An introduction to the basic quantitative models of business with linear and nonlinear functions of single and multiple variables. Linear and nonlinear optimization models and decision models under uncertainty will be covered.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**STOR 113. Decision Models for Business and Economics. 3 Credits.**

An introduction to multivariable quantitative models in economics. Mathematical techniques for formulating and solving optimization and equilibrium problems will be developed, including elementary models under uncertainty.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**STOR 151. Introduction to Data Analysis. 3 Credits.**

Elementary introduction to statistical reasoning, including sampling, elementary probability, statistical inference, and data analysis. STOR 151 may not be taken for credit by students who have credit for ECON 400 or PSYC 210.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**STOR 155. Introduction to Data Models and Inference. 3 Credits.**

Data analysis; correlation and regression; sampling and experimental design; basic probability (random variables, expected values, normal and binomial distributions); hypothesis testing and confidence intervals for means, proportions, and regression parameters; use of spreadsheet software.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**STOR 215. Foundations of Decision Sciences. 3 Credits.**

Introduction to basic concepts and techniques of discrete mathematics with applications to business and social and physical sciences. Topics include logic, sets, functions, combinatorics, discrete probability, graphs, and networks.

**Requisites:** Prerequisite, MATH 110.

**Gen Ed:** QR.

**Grading status:** Letter grade.

**STOR 305. Decision Making Using Spreadsheet Models. 3 Credits.**

The use of mathematics to describe and analyze large-scale decision problems. Situations involving the allocation of resources, making decisions in a competitive environment, and dealing with uncertainty are modeled and solved using suitable software packages.

**Requisites:** Prerequisite, MATH 152 or STOR 155.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**STOR 320. Introduction to Data Science. 3 Credits.**

Development of basic skill set for data analysis from obtaining data to data carpentry, exploration, modeling, and communication. Topics covered include regression, clustering, classification, algorithmic thinking, and non-standard data objects (networks and text data).

**Requisites:** Prerequisite, STOR 155.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**STOR 358. Sample Survey Methodology. 4 Credits.**

Fundamental principles and methods of sampling populations, with emphasis on simple, random, stratified, and cluster sampling. Sample weights, nonsampling error, and analysis of data from complex designs are covered. Practical experience through participation in the design, execution, and analysis of a sampling project.

**Requisites:** Prerequisite, BIOS 550; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade

**Same as:** BIOS 664.

**STOR 390. Special Topics in Statistics and Operations Research. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****STOR 415. Introduction to Optimization. 3 Credits.**

Linear, integer, nonlinear, and dynamic programming, classical optimization problems, network theory.

**Requisites:** Prerequisite, MATH 547.

**Grading status:** Letter grade.

**STOR 435. Introduction to Probability. 3 Credits.**

Introduction to mathematical theory of probability covering random variables; moments; binomial, Poisson, normal and related distributions; generating functions; sums and sequences of random variables; and statistical applications.

**Requisites:** Prerequisite, MATH 233.

**Gen Ed:** QI.

**Grading status:** Letter grade

**Same as:** MATH 535.

**STOR 445. Stochastic Modeling. 3 Credits.**

Introduction to Markov chains, Poisson process, continuous-time Markov chains, renewal theory. Applications to queueing systems, inventory, and reliability, with emphasis on systems modeling, design, and control.

**Requisites:** Prerequisite, BIOS 660 or STOR 435.

**Grading status:** Letter grade.

**STOR 455. Methods of Data Analysis. 3 Credits.**

Review of basic inference; two-sample comparisons; correlation; introduction to matrices; simple and multiple regression (including significance tests, diagnostics, variable selection); analysis of variance; use of statistical software.

**Requisites:** Prerequisite, STOR 155.

**Grading status:** Letter grade.

**STOR 465. Simulation for Analytics. 3 Credits.**

Introduces concepts of random number generation, random variate generation, and discrete event simulation of stochastic systems. Students perform simulation experiments using standard simulation software.

**Requisites:** Prerequisites, STOR 155 and 435.

**Grading status:** Letter grade.

**STOR 471. Long-Term Actuarial Models. 3 Credits.**

Probability models for long-term insurance and pension systems that involve future contingent payments and failure-time random variables. Introduction to survival distributions and measures of interest and annuities-certain.

**Requisites:** Prerequisite, STOR 435.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**STOR 472. Short Term Actuarial Models. 3 Credits.**

Short term probability models for potential losses and their applications to both traditional insurance systems and conventional business decisions. Introduction to stochastic process models of solvency requirements.

**Requisites:** Prerequisite, STOR 435.

**Grading status:** Letter grade.

**STOR 493. Internship in Statistics and Operations Research. 3 Credits.**

Requires permission of the department. Statistics and analytics majors only. An opportunity to obtain credit for an internship related to statistics, operations research, or actuarial science. Pass/Fail only. Does not count toward the statistics and analytics major or minor.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**STOR 496. Undergraduate Reading and Research in Statistics and Operations Research. 1-3 Credits.**

Permission of the director of undergraduate studies. This course is intended mainly for students working on honors projects. May be repeated for credit.

**Gen Ed:** EE- Mentored Research.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading status:** Letter grade.

**STOR 555. Mathematical Statistics. 3 Credits.**

Functions of random samples and their probability distributions, introductory theory of point and interval estimation and hypothesis testing, elementary decision theory.

**Requisites:** Prerequisite, STOR 435.

**Grading status:** Letter grade.

**STOR 556. Advanced Methods of Data Analysis. 3 Credits.**

Topics selected from: design of experiments, sample surveys, nonparametrics, time-series, multivariate analysis, contingency tables, logistic regression, and simulation. Use of statistical software packages.

**Requisites:** Prerequisites, STOR 435 and 455.

**Grading status:** Letter grade.

**STOR 565. Machine Learning. 3 Credits.**

Introduction to theory and methods of machine learning including classification; Bayes risk/rule, linear discriminant analysis, logistic regression, nearest neighbors, and support vector machines; clustering algorithms; overfitting, estimation error, cross validation.

**Requisites:** Prerequisites, STOR 215 or MATH 381, and STOR 435.

**Grading status:** Letter grade.

**STOR 612. Models in Operations Research. 3 Credits.**

Required preparation, calculus of several variables, linear or matrix algebra. Formulation, solution techniques, and sensitivity analysis for optimization problems which can be modeled as linear, integer, network flow, and dynamic programs. Use of software packages to solve linear, integer, and network problems.

**Grading status:** Letter grade.

**STOR 614. Linear Programming. 3 Credits.**

Required preparation, calculus of several variables, linear or matrix algebra. The theory of linear programming, computational methods for solving linear programs, and an introduction to nonlinear and integer programming. Basic optimality conditions, convexity, duality, sensitivity analysis, cutting planes, and Karush-Kuhn-Tucker conditions.

**Grading status:** Letter grade.

**STOR 634. Measure and Integration. 3 Credits.**

Required preparation, advanced calculus. Lebesgue and abstract measure and integration, convergence theorems, differentiation. Radon-Nikodym theorem, product measures. Fubini theorems. Lp spaces.

**Grading status:** Letter grade.

**STOR 635. Probability. 3 Credits.**

Foundations of probability. Basic classical theorems. Modes of probabilistic convergence. Central limit problem. Generating functions, characteristic functions. Conditional probability and expectation.

**Requisites:** Prerequisite, STOR 634; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade

**Same as:** MATH 635.

**STOR 641. Stochastic Models in Operations Research I. 3 Credits.**

Review of probability, conditional probability, expectations, transforms, generating functions, special distributions, and functions of random variables. Introduction to stochastic processes. Discrete-time Markov chains. Transient and limiting behavior. First passage times.

**Requisites:** Prerequisite, STOR 435.

**Grading status:** Letter grade.

**STOR 642. Stochastic Models in Operations Research II. 3 Credits.**

Exponential distribution and Poisson process. Birth-death processes, continuous-time Markov chains. Transient and limiting behavior. Applications to elementary queueing theory. Renewal processes and regenerative processes.

**Requisites:** Prerequisite, STOR 641.

**Grading status:** Letter grade.

**STOR 654. Statistical Theory I. 3 Credits.**

Required preparation, two semesters of advanced calculus. Probability spaces. Random variables, distributions, expectation. Conditioning. Generating functions. Limit theorems: LLN, CLT, Slutsky, delta-method, big-O in probability. Inequalities. Distribution theory: normal, chi-squared, beta, gamma, Cauchy, other multivariate distributions. Distribution theory for linear models.

**Grading status:** Letter grade.

**STOR 655. Statistical Theory II. 3 Credits.**

Point estimation. Hypothesis testing and confidence sets. Contingency tables, nonparametric goodness-of-fit. Linear model optimality theory: BLUE, MVU, MLE. Multivariate tests. Introduction to decision theory and Bayesian inference.

**Requisites:** Prerequisite, STOR 654.

**Grading status:** Letter grade.

**STOR 664. Applied Statistics I. 3 Credits.**

Permission of the instructor. Basics of linear models: matrix formulation, least squares, tests. Computing environments: SAS, MATLAB, S+. Visualization: histograms, scatterplots, smoothing, QQ plots. Transformations: log, Box-Cox, etc. Diagnostics and model selection.

**Grading status:** Letter grade.

**STOR 665. Applied Statistics II. 3 Credits.**

ANOVA (including nested and crossed models, multiple comparisons). GLM basics: exponential families, link functions, likelihood, quasi-likelihood, conditional likelihood. Numerical analysis: numerical linear algebra, optimization; GLM diagnostics. Simulation: transformation, rejection, Gibbs sampler.

**Requisites:** Prerequisite, STOR 664; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**STOR 672. Simulation Modeling and Analysis. 3 Credits.**

Introduces students to modeling, programming, and statistical analysis applicable to computer simulations. Emphasizes statistical analysis of simulation output for decision-making. Focuses on discrete-event simulations and discusses other simulation methodologies such as Monte Carlo and agent-based simulations. Students model, program, and run simulations using specialized software. Familiarity with computer programming recommended.

**Requisites:** Prerequisites, STOR 555 and 641.

**Grading status:** Letter grade

**Same as:** COMP 672.

**STOR 691H. Honors in Statistics and Analytics. 3 Credits.**

Permission of the department. Majors only. Individual reading, study, or project supervised by a faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**STOR 692H. Honors in Statistics and Analytics. 3 Credits.**

Permission of the department. Majors only. Individual reading, study, or project supervised by a faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Statistics and Analytics Major, B.S.

### Contact Information

**Department of Statistics and Operations Research**  
Visit Program Website (<http://www.stat-or.unc.edu>)  
318 Hanes Hall, CB# 3260  
(919) 843-6024

**Amarjit Budhiraja, Chair**

**Serhan Ziya, Director of Undergraduate Studies**  
[ziya@email.unc.edu](mailto:ziya@email.unc.edu)

**Alison Kieber, Administrative Services Assistant**  
[kieber@email.unc.edu](mailto:kieber@email.unc.edu)

The major in statistics and analytics is an excellent program for students interested in statistical data science, operations research, and actuarial science, as well as in fields such as business, economics, public policy and health, psychology, and biomedicine where the decision and statistical sciences play an increasingly important role.

### Department Programs

#### Major

- Statistics and Analytics Major, B.S. (p. 904)

#### Minor

- Statistics and Analytics Minor (p. 906)

#### Graduate Programs

- M.S. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research>)
- Ph.D. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research>)

### Student Learning Outcomes

Upon completion of the statistics and analytics program, students should be able to:

- Demonstrate knowledge of the basic foundations of calculus, probability, statistics, and discrete mathematics
- Apply the analytical and computational skills needed to formulate and solve basic problems in the decision sciences
- Communicate the major ideas of the decision sciences, orally and in writing
- Find appropriate employment with academic institutions, government agencies, and industry, or continue their education in related graduate programs

### Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
MATH 547	Linear Algebra for Applications	3
STOR 415	Introduction to Optimization	3
STOR 435	Introduction to Probability	3
STOR 445	Stochastic Modeling	3
STOR 455	Methods of Data Analysis <sup>1</sup>	3
or STOR 320	Introduction to Data Science	
Five additional courses from Group A and Group B, including at least three additional courses from Group A (see lists below)		15
<b>Additional Requirements</b>		
COMP 116	Introduction to Scientific Programming (COMP 110 may be substituted)	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
STOR 155 & STOR 215	Introduction to Data Models and Inference and Foundations of Decision Sciences	6
or MATH 381	Discrete Mathematics	
Remaining General Education (p. 27) courses and electives to reach 123 hours.		72
<b>Total Hours</b>		<b>123</b>



H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students who take STOR 320 will have the option to take STOR 455 as a Group A elective. Students who take STOR 455 will have the option to take STOR 320 as a Group A elective.

Statistics and analytics majors must complete 123 academic hours. They also must attain at least a grade of C (not C-) in 18 hours of the courses listed under Core Requirements.

### Group A

Code	Title	Hours
STOR 305	Decision Making Using Spreadsheet Models	3
STOR 320	Introduction to Data Science	3
STOR 455	Methods of Data Analysis	3
STOR 465	Simulation for Analytics	3
STOR 471	Long-Term Actuarial Models	3
STOR 472	Short Term Actuarial Models	3
STOR 555	Mathematical Statistics	3
STOR 556	Advanced Methods of Data Analysis	3
STOR 565	Machine Learning	3

### Group B

Code	Title	Hours
BIOS 511	Introduction to Statistical Computing and Data Management	4
BIOS 664	Sample Survey Methodology	4
BUSI 403	Operations Management	3
BUSI 408	Corporate Finance	3
BUSI 410	Business Analytics	3
BUSI 532	Service Operations <sup>H</sup>	3
BUSI 533	Supply Chain Management <sup>H</sup>	3
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 410	Data Structures	3
COMP 521	Files and Databases	3
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	3
INLS 523	Introduction to Database Concepts and Applications	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 523	Functions of a Complex Variable with Applications	3
MATH 524	Elementary Differential Equations	3
MATH 548	Combinatorial Mathematics	3
MATH 566	Introduction to Numerical Analysis	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

In the first two years, students are required to complete the standard calculus sequence as well as introductory courses in statistics, operations research, and computer science. At the beginning of their third year, students take advanced courses in statistics, probability, and operations research. They have a great deal of flexibility in tailoring their program to meet their individual interests.

Code	Title	Hours
<b>First and Second Years</b>		
COMP 116	Introduction to Scientific Programming (COMP 110 may be substituted)	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
STOR 155	Introduction to Data Models and Inference <sup>1</sup>	3
STOR 215	Foundations of Decision Sciences <sup>1</sup>	3
or MATH 381	Discrete Mathematics	
<b>Third and Fourth Years</b>		
MATH 547	Linear Algebra for Applications	3
STOR 415	Introduction to Optimization	3
STOR 435	Introduction to Probability	3
STOR 445	Stochastic Modeling	3
STOR 455	Methods of Data Analysis	3
or STOR 320	Introduction to Data Science	
Five additional courses from the following two groups of courses, including at least three additional courses from Group A <sup>2</sup>		15
<b>Total Hours</b>		<b>51</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Prospective statistics and analytics majors are encouraged to take STOR 155, and STOR 215 or MATH 381 as early as possible in their college careers. Each has a prerequisite of MATH 110 or its equivalent and may be taken before, or concurrently with, MATH 231.

<sup>2</sup> Students wishing to prepare for an actuarial career should include STOR 471, STOR 472, STOR 555 and STOR 556 from Group A in their program and take ECON 410 and ECON 420 and BUSI 408 and BUSI 588 as electives. Students who plan to attend graduate school in statistics, operations research, analytics, or a related field, should include in their program COMP 401, STOR 555, STOR 565, and MATH 521.

### Group A

Code	Title	Hours
STOR 305	Decision Making Using Spreadsheet Models	3



STOR 320	Introduction to Data Science	3
STOR 455	Methods of Data Analysis	3
STOR 465	Simulation for Analytics	3
STOR 471	Long-Term Actuarial Models	3
STOR 472	Short Term Actuarial Models	3
STOR 555	Mathematical Statistics	3
STOR 556	Advanced Methods of Data Analysis	3
STOR 565	Machine Learning	3

## Group B

Code	Title	Hours
BIOS 511	Introduction to Statistical Computing and Data Management	4
BIOS 664	Sample Survey Methodology	4
BUSI 403	Operations Management	3
BUSI 408	Corporate Finance	3
BUSI 410	Business Analytics	3
BUSI 532	Service Operations <sup>H</sup>	3
BUSI 533	Supply Chain Management <sup>H</sup>	3
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 410	Data Structures	3
COMP 521	Files and Databases	3
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
ECON 420	Intermediate Theory: Money, Income, and Employment <sup>H</sup>	3
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	3
INLS 523	Introduction to Database Concepts and Applications	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 523	Functions of a Complex Variable with Applications	3
MATH 524	Elementary Differential Equations	3
MATH 548	Combinatorial Mathematics	3
MATH 566	Introduction to Numerical Analysis	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

It is recommended that all statistics and analytics majors take ECON 101 as a social and behavioral sciences Approaches course. Students interested in the actuarial profession also should take BUSI 101 as a general elective.

## Dual Bachelor's – Master's Degree Program

The Department of Statistics and Operations Research offers a dual bachelor's – master's degree program. Interested students should consult the graduate program director.

## Special Opportunities in Statistics and Analytics

### Honors in Statistics and Analytics

Candidates for honors or highest honors must secure approval from the program director. They must take STOR 691H and STOR 692H, and maintain an overall grade point average of 3.3 and a grade point average in statistics and analytics courses of at least 3.3 at the end of the semester preceding the semester in which they graduate.

### Departmental Involvement

**Hours** The Department of Statistics and Operations Research sponsors Carolina's Actuarial Student Organization (CASO), for students interested in careers in the actuarial sciences. CASO organizes study groups for the actuarial exams, sponsors talks by professional actuaries, keeps members aware of employment opportunities, and maintains contact with alumni and corporations in the field. The department is also a co-sponsor of Carolina Analytics and Data Science (CADS) student organization, which aims to foster communication among the students who are interested in careers in data science and analytics and contribute to their intellectual growth by hosting speakers from industry as well as academia.

### Experiential Education

When arranged in advance with a supervising faculty member, STOR 493 can be used to earn credit for appropriate work experience in the summer or during the academic year. STOR 493 satisfies the experiential education requirement. Students interested in STOR 493 should secure approval from the program director before starting their work. STOR 496 can also be used to satisfy the experiential education requirement.

### Undergraduate Awards

Two undergraduate awards for graduating seniors are given each year by the statistics and analytics program. One is the Statistics and Analytics Award, given to the outstanding graduating senior, and the second is the W. Robert Mann Award, given for excellence in actuarial science. Plaques bearing the names of winners are located in the undergraduate study room in Hanes Hall.

### Undergraduate Research

Undergraduate research under the direction of faculty members from the Department of Statistics and Operations Research is offered through the independent study and research course, STOR 496, and the senior honors thesis courses, STOR 691H and STOR 692H.

## Statistics and Analytics Minor

### Contact Information

Department of Statistics and Operations Research  
Visit Program Website (<http://www.stat-or.unc.edu>)  
318 Hanes Hall, CB# 3260  
(919) 843-6024

**Amarjit Budhiraja, Chair**

**Serhan Ziya, Director of Undergraduate Studies**  
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**Alison Kieber, Administrative Services Assistant**  
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Statistics and analytics is an excellent program for students interested in statistical data science, operations research, and actuarial science, as well as in fields such as business, economics, public policy and health, psychology, and biomedicine where the decision and statistical sciences play an increasingly important role.

## Department Programs

### Major

- Statistics and Analytics Major, B.S. (p. 904)

### Minor

- Statistics and Analytics Minor (p. 906)

### Graduate Programs

- M.S. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research>)
- Ph.D. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research>)

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
STOR 155	Introduction to Data Models and Inference	3
STOR 215	Foundations of Decision Sciences	3
or MATH 381	Discrete Mathematics	
Three courses from among:		9
STOR 305	Decision Making Using Spreadsheet Models	
STOR 320	Introduction to Data Science	
STOR 415	Introduction to Optimization	
STOR 435	Introduction to Probability	
STOR 445	Stochastic Modeling	
STOR 455	Methods of Data Analysis	
STOR 465	Simulation for Analytics	
STOR 471	Long-Term Actuarial Models	
STOR 472	Short Term Actuarial Models	
STOR 555	Mathematical Statistics	
STOR 556	Advanced Methods of Data Analysis	
STOR 565	Machine Learning	
Total Hours		15

See the program page here (p. 904) for special opportunities.

# DEPARTMENT OF WOMEN'S AND GENDER STUDIES

## Contact Information

**Department of Women's and Gender Studies**  
Visit Program Website (<http://womensstudies.unc.edu>)  
208 Smith Building, CB# 3135  
(919) 962-3908

**Silvia Tomášková, Chair**  
tomas@unc.edu

**Karen Thompson, Student Services Manager**  
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**Tanya Shields, Director of Undergraduate Studies**  
tshields@unc.edu

## Introduction

The Department of Women's and Gender Studies offers a feminist interdisciplinary course of study that expands the process of knowledge production to include considerations of gender, race, class, and sexuality in the United States and internationally. Students will be exposed to recent scholarship on feminist theory and the intellectual, economic, political, and artistic contributions of women and feminist movements in various historical and cultural contexts.

Numerous departments across campus offer courses that focus on the study of women and/or gender. Most of these courses are cross-listed as women's and gender studies courses; others are taught as special sections of an established course and are identified separately each semester.

## Advising

All majors and minors have a primary academic advisor in Steele Building. Students whose first major is women's and gender studies are required to meet with a faculty member in the department before they can register. All other majors and minors are strongly encouraged to meet with a faculty member as well. The department's director of undergraduate studies also works with current and prospective majors and minors by appointment (see "Contact Information" above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. All students are encouraged to review their Tar Heel Tracker each semester. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site (<http://womensstudies.unc.edu>).

### Major

- Women's and Gender Studies Major, B.A. (p. 918)

### Minors

- Women's and Gender Studies Minor (p. 921)
- Sexuality Studies Minor (p. 923)

## Professor

Silvia Tomášková.

## Associate Professors

Michele Tracy Berger, Karen M. Booth, Emily Burrill, Susan Harbage Page, Tanya L. Shields, Ariana Vigil.

## Assistant Professor

Lilly Nguyen.

## Adjunct Professors

Janet Bardsley, Annegret Fauser, Sharon James, Anne Johnston.

## Adjunct Associate Professors

GerShun Avilez, Barbara Friedman, Michele Rivkin-Fish.

## Adjunct Assistant Professors

Christi Hurt, Rachel Seidman, Katherine Turk.

## Professors Emerita

E. Jane Burns, Barbara J. Harris, Joanne Hershfield.

## WGST—Women's and Gender Studies

### Undergraduate-level Courses

#### **WGST 51. First-Year Seminar: Race, Sex, and Place in America. 3 Credits.**

This first-year seminar will expose students to the complex dynamics of race, ethnicity, and gender and how these have shaped the American city since 1945.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** PLAN 52.

#### **WGST 56. First-Year Seminar: Writing Women in Modern China. 3 Credits.**

Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 56.

#### **WGST 56H. First-Year Seminar: Writing Women in Modern China. 3 Credits.**

Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** ASIA 56H.

#### **WGST 64. Plantation Lullabies: Literature by and about African American Women. 3 Credits.**

This course introduces students to different ways of understanding plantation culture and how that culture persists today, using close reading strategies and gender analysis. The class will examine film, literature, music, and poetry.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade.

**WGST 66. First-Year Seminar: Growing Up Girl, Globally. 3 Credits.**

Course introduces students to literature by women from around the world, particularly stories of a girl's transition to womanhood. Close reading strategies are used to examine films, novels, and poetry.

**Gen Ed:** LA, GL.

**Grading status:** Letter grade.

**WGST 68. First-Year Seminar: Assumed Identities: Performance in Photography. 3 Credits.**

Uses photography and its aspects of role playing, performance, and documentation to understand the construction of identity. Looks at historical and contemporary photographers who use assumed identities to explore their changing identity roles and challenge society's stereotypes. Individual and group performance/photography projects working with still photography, video, and the Internet.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**WGST 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**WGST 101. Introduction to Women's Studies. 3 Credits.**

An interdisciplinary exploration of the intersections of gender, race, class, and sexuality in American society and internationally. Topics include work; sexuality; gender relations, and images of women in literature, art, and science; and the history of feminist movements. Course readings are drawn from the humanities and the social sciences.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**WGST 111. Introduction to Sexuality Studies. 3 Credits.**

This course introduces students to the broad range of disciplinary perspectives used by the field of sexuality studies to study, teach, and create knowledge about human sexuality in various functions and forms.

**Gen Ed:** SS, NA, US.

**Grading status:** Letter grade.

**WGST 124. Sex and Gender in Society. 3 Credits.**

Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** SOCI 124.

**WGST 127. Iranian Women Writers. 3 Credits.**

This course introduces students to Iranian women's issues through their literary works. To contextualize, we will read articles and essays on the historical, cultural, social, political, and economic backgrounds. In order to approach these literary works in a more effective manner, we will also be reading various secondary materials.

**Gen Ed:** LA, BN, CI.

**Grading status:** Letter grade

**Same as:** ASIA 127.

**WGST 140. Introduction to Gay and Lesbian Culture and Literature. 3 Credits.**

Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.

**Gen Ed:** LA, US.

**Grading status:** Letter grade

**Same as:** ENGL 140.

**WGST 144. Women in the United States from Settlement to Present. 3 Credits.**

This course will survey the history of women, gender relations, and notions of sex difference in the United States from the colonial era to present times, with a special emphasis on women's varied experiences and expectations across divisions of class, race, and region. Key themes will include work, politics, citizenship, reproduction, sociability, and sexuality.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** HIST 144.

**WGST 188. Introduction to Women and Music. 3 Credits.**

The role of women in performance, composition, patronage, and the music business across a wide range of repertoires.

**Gen Ed:** VP, GL, NA.

**Grading status:** Letter grade

**Same as:** MUSC 188.

**WGST 200. Gender and Sexuality in Africa. 3 Credits.**

Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** AAAD 200.

**WGST 202. Introduction to Feminist Thought. 3 Credits.**

Introduces students to feminist theorizing on debates over gender-based oppression. Gives students tools to pursue academic work in women's studies and to understand the relationships among concepts, activism, and change. Required for majors. Strongly recommended for minors.

**Requisites:** Prerequisite, WGST 101.

**Grading status:** Letter grade.

**WGST 211. Introduction to Latina Feminisms: Literature, Theory, and Activism. 3 Credits.**

Through a variety of texts that span the 20th and 21st centuries, students will be introduced to key concepts, figures, and movements in Latina feminisms. Emphasis will be placed on a diversity of historical and ethnographic perspectives as well as academic interdisciplinarity.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**WGST 217. Women and Politics. 3 Credits.**

A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** POLI 217.

**WGST 218. Politics of Sexuality. 3 Credits.**

Examines the role of lesbians, gays, and bisexuals as political actors in the United States, both as individuals and collectively as a social movement.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** POLI 218.

**WGST 220. Women in the Middle Ages. 3 Credits.**

This interdisciplinary course examines representations of women, concepts of gender, and women's participation in the economic, political, religious, and cultural life of the Middle Ages. Discussion and texts in English.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** GERM 220.

**WGST 222. Prehistoric Art. 3 Credits.**

A survey of prehistoric art in Africa, the Americas, Australia, and Europe.

**Gen Ed:** BN, WB.

**Grading status:** Letter grade

**Same as:** ANTH 222.

**WGST 224. Introduction to Gender and Communication. 3 Credits.**

Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** COMM 224.

**WGST 224H. Introduction to Gender and Communication. 3 Credits.**

Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** COMM 224H.

**WGST 225. Space, Place, and Difference. 3 Credits.**

Gender, race, and class are examined in terms of the spatial patterns of everyday life, regional patterns, and global patterns. (GHA)

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** GEOG 225.

**WGST 230. Women in Contemporary Art: A Field Study. 3 Credits.**

This seminar will explore the lives and work of women in contemporary art through a combination of readings, films, interviews, studio visits with area artists, and visits to museums and galleries. We will engage questions of identity, gender, sexuality, politics, and cultural representation and how these affect the creativity, media, and final output of women artists.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**WGST 231. Gender and Popular Culture. 3 Credits.**

This course examines the ways in which gender and sexual identities are represented and consumed in popular culture.

**Gen Ed:** VP, US.

**Grading status:** Letter grade.

**WGST 232. Identity in Transit: Performing the Self through Photography. 3 Credits.**

This course asks how gendered identity is shaped over time in relation to different cultural, social, and historical circumstances. Examines the practices of photographers who present themselves and others in assumed identities to comment on shifting social roles and challenge stereotypes. Students use photography to document performance and create self-portraits.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**WGST 233. Introduction to Latina Literature. 3 Credits.**

This course will provide an introduction to Latina literature. We will read a variety of genres from a range of ethno-national perspectives and examine such topics as immigration, identity, mother-daughter relationships, and sexuality.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**WGST 240. Women in Greek Art and Literature. 3 Credits.**

Course examines law, religion, medicine, social practices, and ideologies in the lives of women in ancient Greece, from Homer to Hellenistic Egypt, using literature, art, and epigraphy.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 240.

**WGST 240H. Women in Greek Art and Literature. 3 Credits.**

Course examines law, religion, medicine, social practices, and ideologies in the lives of women in ancient Greece, from Homer to Hellenistic Egypt, using literature, art, and epigraphy.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 240H.

**WGST 241. Women in Ancient Rome. 3 Credits.**

Course examines the life of women in ancient Rome, from the first beginnings of the organized community in Rome through the early Empire, a period of about 900 years. Also explores aspects of the lives of women in provinces governed by Rome.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 241.

**WGST 241H. Women in Ancient Rome. 3 Credits.**

Course examines the life of women in ancient Rome, from the first beginnings of the organized community in Rome through the early Empire, a period of about 900 years. Also explores aspects of the lives of women in provinces governed by Rome.

**Gen Ed:** LA, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 241H.

**WGST 242. Sex and Gender in Antiquity. 3 Credits.**

Exploration of gender constructs, what it meant to be a woman or a man, in antiquity, as revealed in literary, historical, and archaeological sources. Readings from Homer, Euripides, Plato, Ovid, Virgil, Juvenal, Petronius, and other ancient authors.

**Gen Ed:** HS, NA, WB.

**Grading status:** Letter grade

**Same as:** CLAS 242.

**WGST 244. Gender and Sexuality in Western Christianity. 3 Credits.**

An examination of the development of teachings on issues of gender and sexuality through the history of Western Christianity, with particular focus on contemporary controversies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** RELI 244.

**WGST 244H. Gender and Sexuality in Western Christianity. 3 Credits.**

An examination of the development of teachings on issues of gender and sexuality through the history of Western Christianity, with particular focus on contemporary controversies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** RELI 244H.



**WGST 248. Women in Opera. 3 Credits.**

An examination and exploration of women's changing roles and influence, onstage and behind the scenes, in the history of opera.

**Gen Ed:** NA.

**Grading status:** Letter grade

**Same as:** MUSC 248.

**WGST 249. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Gen Ed:** CI, US.

**Grading status:** Letter grade

**Same as:** AMST 248, ENGL 248, POLI 248.

**WGST 250. Women in German Cinema. 3 Credits.**

Introduction to feminist aesthetics and film theory by the examination of the representation of women in German cinema from expressionism to the present. All materials and discussions in English.

**Gen Ed:** VP, NA.

**Grading status:** Letter grade

**Same as:** GERM 250.

**WGST 253. A Social History of Jewish Women in America. 3 Credits.**

Course examines the history and culture of Jewish women in America from their arrival in New Amsterdam in 1654 to the present and explores how gender shaped this journey.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** AMST 253, JWST 253.

**WGST 254. Women in the Visual Arts I. 3 Credits.**

This course analyzes the role of women in Western art as art producers and consumers of art and looks at how women have been represented.

**Gen Ed:** VP, CI, NA.

**Grading status:** Letter grade

**Same as:** ARTH 254.

**WGST 259. Towards Emancipation? Women in Modern Europe. 3 Credits.**

This course examines and compares the situation of women in politics, the work force, society and family from the French Revolution to the new women's movement in the 1970s with a focus on Britain, France and Germany. One major theme is the history of the struggle for women's emancipation.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 259, EURO 259.

**WGST 260. Women in Sports. 3 Credits.**

A broad based perspective of women's participation in sport including history of participation, physiological differences, and socio-cultural influences including work, politics, family, economics, and gender roles and identity.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** EXSS 260.

**WGST 263. Literature and Gender. 3 Credits.**

Intensive study, focused on gender issues of criticism and writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ENGL 263.

**WGST 263H. Literature and Gender. 3 Credits.**

Intensive study, focused on gender issues, of criticism and writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ENGL 263H.

**WGST 264. Gender in Russian History. 3 Credits.**

Traces the development of sexual identities and changes in masculine and feminine ideals from Tsarist Russia through the post-Soviet period with emphasis on politics, society, and popular culture.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 264.

**WGST 265. Feminism and Political Theory. 3 Credits.**

Introduction to feminist theory and its implications for the study and practice of political theory. Topics: women in feminist critiques of the Western political tradition, schools of feminist political theory.

**Gen Ed:** PH, CI, NA.

**Grading status:** Letter grade

**Same as:** POLI 265.

**WGST 266. Black Women in America. 3 Credits.**

An examination of the individual and collective experiences of black women in America from slavery to the present and the evolution of feminist consciousness.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** AAAD 232.

**WGST 275. Moral and Philosophical Issues of Gender in Society. 3 Credits.**

A survey of feminist perspectives on topics such as the meaning of oppression, sexism and racism, sex roles and stereotypes, ideals of female beauty, women in the workplace, pornography, rape.

**Gen Ed:** PH, US.

**Grading status:** Letter grade

**Same as:** PHIL 275.

**WGST 275H. Moral and Philosophical Issues of Gender in Society. 3 Credits.**

A survey of feminist perspectives on topics such as the meaning of oppression, sexism and racism, sex roles and stereotypes, ideals of female beauty, women in the workplace, pornography, rape.

**Gen Ed:** PH, US.

**Grading status:** Letter grade

**Same as:** PHIL 275H.

**WGST 277. Gender and Culture. 3 Credits.**

Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 277.

**WGST 278. Women in Science. 3 Credits.**

The role of women in scientific domains throughout history and a consideration of the status of women and men as scientists. The development of science as a cultural practice.

**Gen Ed:** HS, CI, EE- Mentored Research.

**Grading status:** Letter grade

**Same as:** ANTH 278.

**WGST 280. Women and Gender in Latin American History. 3 Credits.**

Examines the experiences of women and gender relations in Latin American societies from pre-Columbian times to the present, providing a new perspective on the region's historical development.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 280.

**WGST 281. Gender and Global Change. 3 Credits.**

Through a diverse set of texts, students will examine the role of armed conflict in forming United States empire in the 20th and 21st centuries. The course will also consider the gendered contradictions of freedom and historical embodiments of war and violence.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**WGST 285. African American Women in the Media. 3 Credits.**

This course will acquaint students with how African American women have been depicted (and depicted themselves) in 20th- and 21st-century media. The course will examine representations of African American women in several aspects of culture including film, art, print, television, theater, and music.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**WGST 290. Special Topics in Women's Studies. 3 Credits.**

Topics are announced in advance and reflect the interest of the particular instructor. Each course will concern itself with a study in depth of some problem or issue in women's studies.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**WGST 302. Language and Power. 3 Credits.**

This course provides an overview of language and power studies. Issues: sexist and sex-neutral language; languages of subcultures defined by gender, sexual orientation, ethnicity; hate speech; "politically correct" language.

**Grading status:** Letter grade

**Same as:** LING 302, ANTH 302.

**WGST 313. Women and the Law in Africa and the Middle East. 3 Credits.**

Explores women's and men's engagement with colonial and post-colonial legal systems with a focus on the 19th through 21st centuries. Topics include customary law, Islamic law, women's rights as human rights, disputation and conflict resolution. We will ask the question: "how does gender influence how women and men navigate legal systems?" Course previously offered as WMST 289.

**Gen Ed:** HS, BN, GL.

**Grading status:** Letter grade

**Same as:** HIST 313.

**WGST 325. Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art. 3 Credits.**

This course focuses on the contemporary art and social change movement. We will learn how to use site-specific and performative art interventions to make invisible borders, boundaries, and other issues visible and innovatively to create engaged and sustained dialogue.

**Gen Ed:** VP, US.

**Grading status:** Letter grade

**Same as:** AMST 325.

**WGST 329. Middle East Women Writers. 3 Credits.**

We examine works written by Middle Eastern women. We will begin with reading speeches and short stories in the 1860s. We will focus on topics such as Middle Eastern women and feminism and the West; women and nationalism; women and colonialism; women and patriarchy; women, sexuality, and religion.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** ASIA 329.

**WGST 336. Digitizing the Body. 3 Credits.**

This class examines contemporary artistic production by international artists that engage, question, and challenge ideas of the body. Students will create work in relation to the body using digital media.

**Gen Ed:** VP.

**Grading status:** Letter grade.

**WGST 337. African Gender History. 3 Credits.**

Required preparation, at least one AAAD or WMST course. This course seeks to familiarize students with scholarly debates on the importance of gender as a category of analysis, while gaining a greater sense of the African past.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade.

**WGST 340. Leadership in Violence Prevention for Peer Educators. 3 Credits.**

Examines interpersonal violence, the factors that enable it, and prevention strategies. The course examines violence on both individual and structural levels, considering perpetrators, victims/survivors, and bystanders and drawing upon the expertise of local organizers and service providers in the system of care.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**WGST 345. Women in Film. 3 Credits.**

This course examines the representations of women in contemporary American film and also considers women as producers of film.

**Gen Ed:** VP.

**Grading status:** Letter grade

**Same as:** COMM 345.

**WGST 350. Spitting in the Wind: "American" Women, Art, and Activism. 3 Credits.**

This course uses films, novels, and essays to engage with various notions of activism (as represented in art and social justice organizations) at play in hemispheric America.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**WGST 352. Rahtid Rebel Women: An Introduction to Caribbean Women. 3 Credits.**

This course uses films, novels, and essays to move beyond sun, sand, and sex representations of Caribbean women to examine how they negotiate imperial and national definitions of their place.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade.

**WGST 353. War and Gender in Movies. 3 Credits.**

The course examines and compares the images of war and gender that movies from different time periods and countries propagate and explores the different factors that influence these images and thereby the perception and recollection of war.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 354, PWAD 354.

**WGST 353H. War and Gender in Movies. 3 Credits.**

The course examines the interrelations between changes in warfare, the military system, and the gender order in Europe from medieval to modern time, and its reflection in international movies.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 354H, PWAD 354H.

**WGST 354. American Women's History to 1865. 3 Credits.**

This course will explore women's experiences in America from 1500 to 1865. Topics will include the ways in which women have shaped American politics, economy, society, and culture.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** HIST 355.

**WGST 355. Youth, Sexuality, and the Law. 3 Credits.**

Examines how lawyers, laws, and legal institutions shape an understanding of sexuality and gender in young people. Through legal briefs and judicial opinions, articles, news media, and guest speakers, this course promotes critical thinking about our assumptions about what is "normal" and "appropriate" in youth sexuality and gender.

**Grading status:** Letter grade.

**WGST 356. American Women's History, 1865 to the Present. 3 Credits.**

This course will examine the changing lives of women in the United States after 1865: Their contribution to economy, society, cultural change, and political struggles.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** HIST 356.

**WGST 360. Lesbian, Gay, Bisexual, and Transgender Histories in the United States. 3 Credits.**

This course investigates the history of people who might today be defined as lesbian, gay, bisexual, or transgender (LGBT) in the United States. Key themes will include identity formation, culture, politics, medical knowledge, discrimination, and community.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** HIST 361.

**WGST 361. Asian American Women's Writing. 3 Credits.**

This course covers writings by Asian American women and examines issues of gender, race, and sexuality.

**Gen Ed:** LA, CI, US.

**Grading status:** Letter grade

**Same as:** ENGL 361.

**WGST 362. Mary in the Christian Tradition. 3 Credits.**

In certain eras, Mary has been more central to Catholic devotion than Christ. This course explores doctrine, liturgy, and popular devotion centering on the Virgin in medieval European Christianity, her impact on colonial religion in the New World, and her roles in Protestantism, Eastern Orthodoxy, and Islam.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** RELI 362.

**WGST 362H. Mary in the Christian Tradition. 3 Credits.**

In certain eras, Mary has been more central to Catholic devotion than Christ. This course explores doctrine, liturgy, and popular devotion centering on the Virgin in medieval European Christianity, her impact on colonial religion in the New World, and her roles in Protestantism, Eastern Orthodoxy, and Islam.

**Gen Ed:** HS, WB.

**Grading status:** Letter grade

**Same as:** RELI 362H.

**WGST 363. Feminist Literary Theory. 3 Credits.**

Theories of feminist criticism in relation to general theory and women's writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ENGL 363.

**WGST 363H. Feminist Literary Theory. 3 Credits.**

Theories of feminist criticism in relation to general theory and women's writing.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** ENGL 363H.

**WGST 365. Sexuality, Gender, and Public Policy. 3 Credits.**

Public policies affect men and women differently, and they participate differently in the policy-making process. This course examines several key areas of public policy, some expressly related to gender or sexuality and others that have significantly gendered impacts, organized around four themes: family, labor, body, and the world.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** PLCY 365.

**WGST 368. Women of Color in Contemporary United States Social Movements. 3 Credits.**

This course will examine the role of women of color as grassroots activists, leaders, and thinkers in the new social and community movements of the postwar period.

**Requisites:** Prerequisite, WGST 101.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**WGST 371. Women Mystics. 3 Credits.**

An investigation of the forms, characteristics, and variety of the mystical experiences of women in medieval and modern Christianity, with comparative consideration of women mystics and spiritual leaders in at least two other religious traditions.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** RELI 371.

**WGST 373. Modern Women Writers. 3 Credits.**

The development of a women's literary tradition in the works of such writers as George Sand, George Eliot, Isak Dinesen, Colette, Virginia Woolf, Gertrude Stein, Marguerite Duras, Nathalie Sarraute, Marguerite Yourcenar.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** CMPL 374.

**WGST 374. Southern Women Writers. 3 Credits.**

The study of fiction, poetry, plays, and essays by Southern American women writers of the past 200 years, continuing to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 374.

**WGST 375. History of Gender in America. 3 Credits.**

This course will explore how Americans from 1600 to the present have defined what is masculine and what is feminine and how they have constructed their identities around those definitions.

**Gen Ed:** HS, NA, US.

**Grading status:** Letter grade

**Same as:** HIST 375.

**WGST 380. Almost Despicable Heroines in Japanese and Western Literature. 3 Credits.**

Authors' use of narrative techniques to create the separation between heroines and their fictional societies and sometimes also to alienate readers from the heroines. Austen, Flaubert, Ibsen, Arishima, Tanizaki, Abe.

**Gen Ed:** LA.

**Grading status:** Letter grade

**Same as:** CMPL 380, ASIA 380.

**WGST 381. Women and Work in Japan. 3 Credits.**

Examines construction of traditional women's roles in Japan and feminist challenges to them by exploring various aspects of "women's work." Interdisciplinary readings consider law, social custom, media representations, and feminist activism.

**Gen Ed:** SS, BN.

**Grading status:** Letter grade

**Same as:** JAPN 381.

**WGST 384. Women Writers in Japanese Society. 3 Credits.**

Examines Japanese literature and culture through fiction and poetry by women. Explores ideas in contemporary feminist criticism in Japan and the West as a means to read Japanese women's writing.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** JAPN 384.

**WGST 386. Comparative Studies in Culture, Gender, and Global Forces. 3 Credits.**

Examines participatory development theory and practice in Africa and the United States in the context of other intervention strategies and with special attention to culture and gender.

**Requisites:** Prerequisites, AAAD 101 and 130.

**Grading status:** Letter grade

**Same as:** AAAD 386.

**WGST 388. The International Politics of Sexual and Reproductive Health. 3 Credits.**

Permission of the instructor. Takes a feminist political economy perspective on debates over current health issues of international concern, including abortion, population control, and sexually transmitted infections. Focuses on the United States, Mexico, and Kenya, as well as on international organizations and social movements.

**Requisites:** Prerequisite, WGST 101.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**WGST 389. Maid in America, Made in China: Laboring Women in Global Perspective. 3 Credits.**

Explores women's experiences in the workforce historically and today. Lectures, readings, and discussions examine the larger social and political consequences of women's presence in the workplace, efforts to fashion identities as wage laborers on their own terms, race and class divisions, and the boundaries between their waged and unwaged labors.

**Gen Ed:** HS, GL.

**Grading status:** Letter grade

**Same as:** HIST 389.

**WGST 393. Practicum in Women's and Gender Studies. 3 Credits.**

Permission of the instructor. A supervised internship designed to provide experience working in organizations concerned with women's or gender issues. Must be arranged with a faculty advisor during the semester prior to the internship. See the department's website for important information.

**Requisites:** Prerequisite, WGST 101.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**WGST 396. Independent Reading and Research. 3 Credits.**

Permission of curriculum chair. Faculty supervision required. Independent reading and research. A student can repeat the course as long as they work on a different topic each time they enroll.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****WGST 410. Comparative Queer Politics. 3 Credits.**

Permission of the instructor. Compares the histories, experiences, identities, and political struggles of sexual and gender minorities in Asia, the Middle East, Africa, and the Americas and at the United Nations.

**Requisites:** Prerequisite, WGST 101.

**Gen Ed:** SS, BN, GL.

**Grading status:** Letter grade.

**WGST 424. Gender Theory and the Study of Religion. 3 Credits.**

An examination of contemporary gender theory, with particular focus on its application to the study of religion.

**Gen Ed:** PH.

**Grading status:** Letter grade

**Same as:** RELI 424.

**WGST 438. Gender and Performance: Constituting Identity. 3 Credits.**

Examines the culturally and historically variable ways in which individuals constitute themselves as cis- or transgendered subjects, drawing upon extant expressive resources, modifying them, and expanding options available to others. Performance of self as the product of esthetically marked or unmarked, everyday actions.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 537, FOLK 537.

**WGST 440. Health and Gender after Socialism. 3 Credits.**

This course examines postsocialist experiences of the relationship between political, economic, social, and cultural transitions, and challenges in public health and gender relations.

**Grading status:** Letter grade

**Same as:** ANTH 442.

**WGST 441. The Anthropology of Gender, Health, and Illness. 3 Credits.**

The course explores cultural beliefs, practices, and social conditions that influence health and sickness of women and men from a cross-cultural perspective.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 441.

**WGST 442. Gender, Class, Race, and Mass Media. 3 Credits.**

The media play a critical role in the construction and contestation of ideas about gender, class, and race. Using a range of methods, students will analyze media messages past and present to understand how gender, race, and class influence media production and consumption.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** MEJO 442.

**WGST 443. Cultures and Politics of Reproduction. 3 Credits.**

This course takes a cross-cultural approach to understanding how reproduction and associated phenomena become arenas where political debates are played out, and where global and local social relations are contested.

**Grading status:** Letter grade

**Same as:** ANTH 443.

**WGST 444. Race, Class, and Gender. 3 Credits.**

Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.

**Grading status:** Letter grade

**Same as:** SOCI 444.

**WGST 445. Migration and Health. 3 Credits.**

This course examines the intersections between migration processes and the political, economic, and social dimensions of health and well-being among migrants, their families, and their communities.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 445.

**WGST 446. American Women Authors. 3 Credits.**

American women authors from the beginnings to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 446.

**WGST 446H. American Women Authors. 3 Credits.**

American women authors from the beginnings to the present.

**Gen Ed:** LA, NA.

**Grading status:** Letter grade

**Same as:** ENGL 446H.

**WGST 447. Gender, Space, and Place in the Middle East. 3 Credits.**

Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)

**Grading status:** Letter grade

**Same as:** GEOG 447, ASIA 447.

**WGST 448. Gender and Sexuality in Contemporary Judaism. 3 Credits.**

The seminar examines the developments in gender roles and in sexuality in contemporary Judaism.

**Gen Ed:** CI, NA.

**Grading status:** Letter grade

**Same as:** RELI 444, JWST 444.

**WGST 450. Sexuality in Jewish Tradition and History. 3 Credits.**

This course deals with various topics related to sexuality and marriage in Jewish tradition and history: sex outside of marriage, wedding ceremonies, regulations of marital sex, menstruation, homosexuality, and more.

**Gen Ed:** PH, WB.

**Grading status:** Letter grade

**Same as:** RELI 450.

**WGST 451. Women in the Visual Arts II. 3 Credits.**

Discussion of topics related to the representation of women in Western art and/or women as producers of art.

**Grading status:** Letter grade

**Same as:** ARTH 451.

**WGST 458. Archaeology of Sex and Gender. 3 Credits.**

Required preparation, at least one ANTH or one WMST course. A discussion of gender and sex roles and sexuality in past cultures; a cross-cultural examination of ways of knowing about past human behavior.

**Gen Ed:** SS, WB.

**Grading status:** Letter grade

**Same as:** ANTH 458.

**WGST 465. Gender, (Im)migration, and Labor in Latina Literature. 3 Credits.**

Students will explore the representation of intersections between gender, identity, immigration, and migration in Latina/o literature. Emphasis will be placed on the intersections between labor, migration, and United States immigration policy.

**Requisites:** Prerequisite, WGST 101.

**Gen Ed:** LA, US.

**Grading status:** Letter grade.

**WGST 471. Gender and Sexuality in Middle Eastern Literature. 3 Credits.**

We examine gender and sexuality in literature written by various authors from the Middle East. Our discussions will focus on the significance of sexuality, harems, same-sex desire and homosexuality, construction of female sexuality, masculinity, contraception and abortion, the institution of marriage, gay/lesbian underground subcultures, and social media as sexual outlet.

**Gen Ed:** LA, CI, GL.

**Grading status:** Letter grade

**Same as:** ASIA 471.

**WGST 475. Philosophical Issues in Gender, Race, and Class. 3 Credits.**

Examines in greater depth and complexity one or more of the issues addressed in PHIL 275, investigating issues of gender, race, and class within the dominant theories of philosophy.

**Requisites:** Prerequisite, PHIL 275 or WGST 101.

**Gen Ed:** US.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade

**Same as:** PHIL 475.

**WGST 476. Feminist Movements in the United States since 1945. 3 Credits.**

This course will examine the unprecedented surge of feminist thought and activism in the postwar United States. Course materials and discussions will trace feminists' varied conceptions of empowered womanhood and their expectations of the state, society at large, and each other.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** HIST 475.



**WGST 476H. Feminist Movements in the United States since 1945. 3 Credits.**

This course will examine the unprecedented surge of feminist thought and activism in the postwar United States. Course materials and discussions will trace feminists' varied conceptions of empowered womanhood and their expectations of the state, society at large, and each other.

**Gen Ed:** HS, US.

**Grading status:** Letter grade

**Same as:** HIST 475H.

**WGST 477. Advanced Feminist Political Theory. 3 Credits.**

Examines in greater depth and complexity current issues in feminist political theory. Topics: theories of subjectivity and solidarity, feminist poststructuralist and post-Marxist thinking, gender in the public sphere.

**Gen Ed:** PH, CI, NA.

**Grading status:** Letter grade

**Same as:** POLI 477.

**WGST 479. History of Female Sexualities in the West. 3 Credits.**

Spanning the ancient, medieval, and modern West, this course explores normative and non-normative female sexualities, ideas about female bodies, and the regulation of female sexuality by families, religions, and states.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 479.

**WGST 482. Sex, Gender, and Religion in South Asia. 3 Credits.**

This seminar draws on feminist and philosophical theory, including the works of Plato, Butler, and Foucault, as well as postcolonial theory, to explore the categories of sex and gender in South Asian religions. We also analyze the moral cultivation of the self in relation to gender identity in South Asia.

**Gen Ed:** PH, BN.

**Grading status:** Letter grade

**Same as:** RELI 482, ASIA 482.

**WGST 486. Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015). 3 Credits.**

Using Alexievich as our beacon, we will explore the writers behind the term "Russian Women's Prose": Valeria Narbikova, Lyudmila Petrushevskaya, Tatyana Tolstaya, and Lyudmila Ulitskaya. The course will delve into gender identity and body politics as they manifest themselves in the literary texts of lasting aesthetic quality and social relevance. Taught in English; some readings in Russian for qualified students.

**Gen Ed:** LA, BN.

**Grading status:** Letter grade

**Same as:** RUSS 486, EURO 486.

**WGST 500. Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century. 3 Credits.**

This course explores the growing body of research on gender, empire, and nation/nationalism in modern European history by focusing on problems of national belongings and citizenship, state and nation building and empire formation, and the gendered discourses and representations of nation and empire.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 500.

**WGST 501. The Gender of Welfare: Comparative Perspectives, 19th and 20th Century. 3 Credits.**

This course explores the growing body of research on gender and welfare in a comparative perspective by focusing on the sexual division of labor in the workforce and the family, related social and family policies, including child care, and social citizenship in a comparative perspective.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 501.

**WGST 503. Gender, Culture, and Development. 3 Credits.**

Classic writings and debates relating to gender and development, with emphasis on recent work that critiques conventional development models. The scope is global, with special attention to Latin America and to such questions as how alternative approaches to gender, culture, and development may be more inclusive of diverse peoples and grassroots movements for change.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade

**Same as:** ANTH 503.

**WGST 517. Gender, Military, and War in Comparative Perspective. 3 Credits.**

This course introduces students to new research on the history of gender, the military, and war in a comparative perspective. It explores the interrelations between changing military systems, types of warfare, the gender order, as well as political, social, and cultural currents in modern history.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 517, PWAD 517.

**WGST 524. Gender, Communication, and Culture. 3 Credits.**

Permission of the instructor for nonmajors. Course examines the speeches and other texts that announced and embodied the goals and political strategies of multiple branches of three waves of feminist activism in the United States.

**Requisites:** Prerequisites, COMM 224 and 372.

**Grading status:** Letter grade

**Same as:** COMM 524.

**WGST 524H. Gender, Communication, and Culture. 3 Credits.**

Permission of the instructor for nonmajors. Course examines the speeches and other texts that announced and embodied the goals and political strategies of multiple branches of three waves of feminist activism in the United States.

**Requisites:** Prerequisites, COMM 224 and 372.

**Grading status:** Letter grade

**Same as:** COMM 524H.

**WGST 537. Women in the Middle East. 3 Credits.**

Explores the lives of women in the Middle East and how they have changed over time. Focus will change each year.

**Gen Ed:** HS, BN.

**Grading status:** Letter grade

**Same as:** HIST 537, ASIA 537.

**WGST 550. The Social Construction of Women's Bodies. 3 Credits.**

Looking specifically at the social and cultural construction of women's bodies, this course considers the ways in which biological difference is imbued with social significance.

**Requisites:** Prerequisite, WGST 101; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**WGST 553. Theorizing Black Feminisms. 3 Credits.**

Introduction to the theoretical and practical contributions of African American feminists who maintain that issues of race, gender, sexuality, and social class are central, rather than peripheral, to any history or strategy for bringing about social justice in the United States.

**Requisites:** Prerequisites, WGST 101 and 202; permission of the instructor for students lacking the prerequisites.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**WGST 555. Women and Creativity. 3 Credits.**

This course will present an overview of the variety and diversity of contemporary American women's experiences of creative expressions. We explore how women have been historically excluded from the arts.

**Requisites:** Prerequisites, WGST 101 and 202; permission of the instructor for students lacking the prerequisites.

**Grading status:** Letter grade.

**WGST 560. Women and Religion in United States History. 3 Credits.**

An interdisciplinary consideration of women's roles, behavior, and ideas in the religious life of Americans from 1636 to 1982.

**Grading status:** Letter grade.

**WGST 561. Performance of Women of Color. 3 Credits.**

Explores through performance contemporary poetry, fiction, nonfiction, and feminist thought by women of color in the United States.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade

**Same as:** COMM 561.

**WGST 561H. Performance of Women of Color. 3 Credits.**

Permission of the instructor for nonmajors. Explores through performance contemporary poetry, fiction, nonfiction, and feminist thought by women of color in the United States.

**Requisites:** Prerequisite, COMM 160.

**Grading status:** Letter grade

**Same as:** COMM 561H.

**WGST 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 562, FOLK 562, HIST 562.

**WGST 562H. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts.

**Gen Ed:** EE- Performing Arts.

**Grading status:** Letter grade

**Same as:** COMM 562H, FOLK 562H, HIST 562H.

**WGST 568. Women in the South. 3 Credits.**

An exploration of the distinctive themes in Southern women's lives, using the evidence of history and literature.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 568.

**WGST 569. African American Women's History. 3 Credits.**

The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 569.

**WGST 576. The Ethnohistory of Native American Women. 3 Credits.**

Introduces students to the study of Native American women through the perspectives of anthropology, history, and autobiography.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade

**Same as:** HIST 576.

**WGST 583. Gender and Imperialism. 3 Credits.**

Required preparation, one course in gender or non-Western societies. Permission of the instructor for students lacking the preparation.

Focuses on feminist perspectives on imperialism, the effects of imperialism on colonized and European women, women's participation in anti-imperialist movements; and the legacies of imperialism for feminism today.

**Gen Ed:** HS, NA.

**Grading status:** Letter grade.

**WGST 610. Feminism, Sexuality, and Human Rights. 3 Credits.**

Required preparation for undergraduates, WMST 101, one other WMST course beyond the introductory level, and junior/senior standing.

Permission of the instructor required for both undergraduates and graduate students. Examines how transnational struggles over reproductive rights, HIV/AIDS, sex work, and "LGBT" rights have used, challenged, and transformed human rights discourses.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**WGST 620. Women in Hispanic Literature. 3 Credits.**

The image of woman in 16th- and 17th-century Hispanic literature. A study of texts by Spanish and Spanish American authors. Readings in Spanish or in English translation. Lectures in English.

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading status:** Letter grade

**Same as:** SPAN 620.

**WGST 660. Kinship, Reproduction, Reproductive Technology, and the New Genetics. 3 Credits.**

This course focuses on the relationship between family, kinship, new reproductive technologies, and the new genetics from a cross-cultural perspective.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 660.

**WGST 660H. Kinship, Reproduction, Reproductive Technology, and the New Genetics. 3 Credits.**

This course focuses on the relationship between family, kinship, new reproductive technologies, and the new genetics from a cross cultural perspective.

**Gen Ed:** SS.

**Grading status:** Letter grade

**Same as:** ANTH 660H.

**WGST 662. Gender Issues in Planning and Development. 3 Credits.**

Permission of the instructor required for undergraduates. Examination of the environmental and health risks, policy institutions, processes, instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies.

**Grading status:** Letter grade

**Same as:** PLAN 662.

**WGST 664. Body and Suffering in Christian Mysticism. 3 Credits.**

Permission of the instructor for nonmajors. Medieval Christians consistently focused on the suffering body as a means of reflecting on Christ's sacrifice. This course considers how medical theories of cognition, gender, and pain influenced the potential role of the body in medieval mystical experience.

**Gen Ed:** NA, WB.

**Grading status:** Letter grade

**Same as:** RELI 665.

**WGST 665. Queer Latina/o Literature, Performance, and Visual Art. 3 Credits.**

This course explores literature, performance art, film, and photography by Latinas and Latinos whose works may be described as "queer" and that question terms and norms of cultural dominance.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade

**Same as:** ENGL 665.

**WGST 666. Queer Latina/o Photography and Literature. 3 Credits.**

This course explores Latina/o literature about photography in relation to photography by "queer" Latina/o artists and, through this double focus, poses certain questions about identity, subjectivity, and culture.

**Gen Ed:** VP, NA, US.

**Grading status:** Letter grade

**Same as:** ENGL 666.

**WGST 691H. Honors in Women's Studies. 3 Credits.**

Senior standing and permission of the department. The first semester of the yearlong honors thesis in women's and gender studies. Completing WGST 691H fulfills the WGST 695 requirement for the major.

**Requisites:** Prerequisites, WGST 101 and 202.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**WGST 692H. Honors in Women's Studies. 3 Credits.**

Permission of department. Second semester of the yearlong honors thesis project.

**Requisites:** Prerequisite, WGST 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**WGST 695. Senior Seminar: Principles of Feminist Inquiry. 3 Credits.**

Required preparation, at least one additional WGST course and senior standing or permission of the instructor. Required for majors; strongly recommended for minors. An advanced writing-intensive course drawing on a student's interests and background. Major research of specific topics utilizing feminist perspectives.

**Requisites:** Prerequisites, WGST 101 and 202.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**WGST 695H. Senior Seminar: Principles of Feminist Inquiry. 3 Credits.**

Required preparation, at least one additional WGST course and senior standing or permission of the instructor. Required for majors; strongly recommended for minors. An advanced writing-intensive course drawing on a student's interests and background. Major research of specific topics utilizing feminist perspectives.

**Requisites:** Prerequisites, WGST 101 and 202.

**Gen Ed:** CI.

**Grading status:** Letter grade.

## Women's and Gender Studies Major, B.A.

### Contact Information

#### Department of Women's and Gender Studies

Visit Program Website (<http://womensstudies.unc.edu>)

208 Smith Building, CB# 3135

(919) 962-3908

#### Silvia Tomášková, Chair

tomas@unc.edu

#### Karen Thompson, Student Services Manager

kthomps1@email.unc.edu

#### Tanya Shields, Director of Undergraduate Studies

tshields@unc.edu

The Department of Women's and Gender Studies offers a feminist interdisciplinary course of study that expands the process of knowledge production to include considerations of gender, race, class, and sexuality in the United States and globally. Students are exposed to scholarship on feminist theory and the intellectual, economic, political, and artistic contributions of women and feminist movements in various historical and cultural contexts.

### Department Programs

#### Major

- Women's and Gender Studies Major, B.A. (p. 918)

#### Minors

- Women's and Gender Studies Minor (p. 921)
- Sexuality Studies Minor (p. 923)

### Student Learning Outcomes

Upon completion of the women's and gender studies program, students should be able to:

- Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in women's and gender studies
- Conduct and present Interdisciplinary research in the area of women's and gender studies in an effective manner
- Apply the principals and insights of women's and gender studies to personal, social, and community issues
- Think critically and analytically about current perspectives in women's and gender studies

# Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
Four intellectual and theoretical foundations courses:		
WGST 101	Introduction to Women’s Studies	3
WGST 202	Introduction to Feminist Thought	3
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3
	or WGST 691H Honors in Women’s Studies	
	One course on minority/Third World/non-Western women or gender (see list below).	3
	Three interdisciplinary perspectives courses chosen from at least two of the three categories (see lists below).	9
	One course in the theory and practice of women’s and gender studies from the following options:	3
WGST 393	Practicum in Women’s and Gender Studies <sup>1</sup>	
	A fourth course chosen from one of the three interdisciplinary perspectives categories	
WGST 692H	Honors in Women’s Studies <sup>2</sup>	
<b>Total Hours</b>		<b>24</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This faculty-supervised internship must be arranged in the semester prior to the semester of the internship (see Internship Guidelines on the departmental Web site (<https://womensstudies.unc.edu/courses-degrees/internship>)).

<sup>2</sup> For qualified students. This yearlong honors thesis must be arranged in the semester prior to the year of the thesis. Requires approval of the department and the instructor. See Honors Thesis Guidelines on the departmental Web site.

Students must also fulfill all General Education requirements.

## Minority/Third World/Non-Western Women or Gender

Code	Title	Hours
AAAD/WGST 200	Gender and Sexuality in Africa	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
AAAD 232/ WGST 266	Black Women in America	3
ANTH/WGST 277	Gender and Culture	3
ASIA/GEOG/ WGST 447	Gender, Space, and Place in the Middle East	3

ASIA/HIST/WGST 537	Women in the Middle East	3
COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
HIST/WGST 280	Women and Gender in Latin American History	3
HIST/WGST 569	African American Women’s History	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
JAPN/WGST 381	Women and Work in Japan	3
JAPN/WGST 384	Women Writers in Japanese Society	3
PLAN/WGST 662	Gender Issues in Planning and Development	3
SPAN/WGST 620	Women in Hispanic Literature	3
WGST 64	Plantation Lullabies: Literature by and about African American Women	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	Introduction to Latina Literature	3
WGST 281	Gender and Global Change	3
WGST 285	African American Women in the Media	3
WGST/HIST 313	Women and the Law in Africa and the Middle East	3
WGST 337	African Gender History	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 410	Comparative Queer Politics	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3
WGST 553	Theorizing Black Feminisms	3
WGST 583	Gender and Imperialism	3
WGST 610	Feminism, Sexuality, and Human Rights	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Interdisciplinary Perspectives Courses–Historical Studies

Code	Title	Hours
AAAD 201	Introduction to African Literature	3
AAAD/WGST 200	Gender and Sexuality in Africa	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	3
ASIA/HIST/WGST 537	Women in the Middle East	3
CLAS/WGST 240	Women in Greek Art and Literature <sup>H</sup>	3
CLAS/WGST 241	Women in Ancient Rome <sup>H</sup>	3
CLAS/WGST 242	Sex and Gender in Antiquity	3

COMM/FOLK/ HIST/WGST 562	Oral History and Performance <sup>H</sup>	3	COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3
HIST/EURO/ WGST 259	Towards Emancipation? Women in Modern Europe	3	ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
HIST/PWAD 354/ WGST 353	War and Gender in Movies <sup>H</sup>	3	ENGL/WGST 263	Literature and Gender <sup>H</sup>	3
HIST/PWAD/ WGST 517	Gender, Military, and War in Comparative Perspective	3	ENGL/WGST 361	Asian American Women's Writing	3
HIST 361/ WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3	ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
HIST/WGST 144	Women in the United States from Settlement to Present	3	ENGL/WGST 374	Southern Women Writers	3
HIST/WGST 264	Gender in Russian History	3	ENGL/WGST 446	American Women Authors <sup>H</sup>	3
HIST/WGST 280	Women and Gender in Latin American History	3	ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
HIST/WGST 375	History of Gender in America	3	ENGL/WGST 666	Queer Latina/o Photography and Literature	3
HIST/WGST 479	History of Female Sexualities in the West	3	GERM/WGST 220	Women in the Middle Ages	3
HIST/WGST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3	GERM/WGST 250	Women in German Cinema	3
HIST/WGST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3	JAPN/WGST 381	Women and Work in Japan	3
HIST/WGST 568	Women in the South	3	JAPN/WGST 384	Women Writers in Japanese Society	3
HIST/WGST 569	African American Women's History	3	MUSC/WGST 188	Introduction to Women and Music	3
HIST/WGST 576	The Ethnohistory of Native American Women	3	MUSC/WGST 248	Women in Opera	3
WGST/HIST 313	Women and the Law in Africa and the Middle East	3	PHIL/WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
WGST 337	African Gender History	3	PHIL/WGST 475	Philosophical Issues in Gender, Race, and Class	3
WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3	RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
WGST 583	Gender and Imperialism	3	RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
			RUSS/WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
			SPAN/WGST 620	Women in Hispanic Literature	3
			WGST 64	Plantation Lullabies: Literature by and about African American Women	3
			WGST 66	First-Year Seminar: Growing Up Girl, Globally	3
			WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3
			WGST 202	Introduction to Feminist Thought	3
			WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
			WGST 230	Women in Contemporary Art: A Field Study	3
			WGST 231	Gender and Popular Culture	3
			WGST 232	Identity in Transit: Performing the Self through Photography	3
			WGST 233	Introduction to Latina Literature	3
			WGST 281	Gender and Global Change	3
			WGST 285	African American Women in the Media	3
			WGST 336	Digitizing the Body	3
			WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3
			WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
			WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3
			WGST 555	Women and Creativity	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Interdisciplinary Perspectives Courses—Humanities and Fine Arts

Code	Title	Hours
AMST/WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
ANTH/LING/ WGST 302	Language and Power	3
ANTH/FOLK 537/ WGST 438	Gender and Performance: Constituting Identity	3
ANTH/WGST 222	Prehistoric Art	3
ARTH/WGST 254	Women in the Visual Arts I	3
ARTH/WGST 451	Women in the Visual Arts II	3
ASIA/CMPL/ WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3
CMPL 374/ WGST 373	Modern Women Writers	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM/WGST 345	Women in Film	3
COMM/WGST 524	Gender, Communication, and Culture <sup>H</sup>	3



H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Interdisciplinary Perspectives Courses—Social Sciences

Code	Title	Hours
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
AAAD 232/ WGST 266	Black Women in America	3
ANTH/WGST 277	Gender and Culture	3
ANTH/WGST 278	Women in Science	3
ANTH/WGST 441	The Anthropology of Gender, Health, and Illness	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3
ANTH/WGST 445	Migration and Health	3
ANTH/WGST 458	Archaeology of Sex and Gender	3
ANTH/WGST 660	Kinship, Reproduction, Reproductive Technology, and the New Genetics <sup>H</sup>	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ASIA/GEOG/ WGST 447	Gender, Space, and Place in the Middle East	3
EXSS/WGST 260	Women in Sports	3
GEOG/WGST 225	Space, Place, and Difference	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
PLAN 52/ WGST 51	First-Year Seminar: Race, Sex, and Place in America	3
PLAN/WGST 662	Gender Issues in Planning and Development	3
POLI/WGST 217	Women and Politics	3
POLI/WGST 218	Politics of Sexuality	3
POLI/WGST 265	Feminism and Political Theory	3
POLI/WGST 477	Advanced Feminist Political Theory	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
RELI/WGST 424	Gender Theory and the Study of Religion	3
RELI/WGST 450	Sexuality in Jewish Tradition and History	3
SOCI/WGST 124	Sex and Gender in Society	3
SOCI/WGST 444	Race, Class, and Gender	3
WGST 111	Introduction to Sexuality Studies	3
WGST 340	Leadership in Violence Prevention for Peer Educators	3
WGST 355	Youth, Sexuality, and the Law	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 410	Comparative Queer Politics	3
WGST 550	The Social Construction of Women's Bodies	3
WGST 553	Theorizing Black Feminisms	3
WGST 610	Feminism, Sexuality, and Human Rights	3

## Special Opportunities in Women's and Gender Studies

### Honors in Women's and Gender Studies

The honors program is designed to encourage independent thought and research among outstanding undergraduate majors in women's and gender studies. Students must take WGST 691H and WGST 692H. Students must plan their project with a faculty advisor and secure permission from both the chair of the department and the faculty advisor. Guidelines and forms for the initial contract are available in the department's office and on our Web site (<https://womensstudies.unc.edu>). Students interested in the honors thesis must have at least a 3.3 overall grade point average and a 3.5 or greater grade point average in courses taken for the major.

## Women's and Gender Studies Minor

### Contact Information

#### Department of Women's and Gender Studies

Visit Program Website (<http://womensstudies.unc.edu>)  
208 Smith Building, CB# 3135  
(919) 962-3908

#### Silvia Tomášková, Chair

tomas@unc.edu

#### Karen Thompson, Student Services Manager

kthomps1@email.unc.edu

#### Tanya Shields, Director of Undergraduate Studies

tshields@unc.edu

The Department of Women's and Gender Studies offers a feminist interdisciplinary course of study that expands the process of knowledge production to include considerations of gender, race, class, and sexuality in the United States and globally. Students are exposed to recent scholarship on feminist theory and the intellectual, economic, political, and artistic contributions of women and feminist movements in various historical and cultural contexts.

## Department Programs

### Major

- Women's and Gender Studies Major, B.A. (p. 918)

### Minors

- Women's and Gender Studies Minor (p. 921)
- Sexuality Studies Minor (p. 923)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of 15 credits (five courses).

Code	Title	Hours
<b>Core Requirements</b>		
WGST 101	Introduction to Women's Studies	3
	Four courses chosen from at least two of the following three categories. <sup>1</sup>	12
	<b>Total Hours</b>	<b>15</b>

<sup>1</sup> WGST 202 and WGST 695 are strongly recommended for minors and will count towards the 12 credits taken after WGST 101. An internship in women's and gender studies (WGST 393) can also count towards the 12 credits.

## Historical Studies

Code	Title	Hours
AAAD 201	Introduction to African Literature	3
AAAD/WGST 200	Gender and Sexuality in Africa	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	3
ASIA/HIST/WGST 537	Women in the Middle East	3
CLAS/WGST 240	Women in Greek Art and Literature <sup>H</sup>	3
CLAS/WGST 241	Women in Ancient Rome <sup>H</sup>	3
CLAS/WGST 242	Sex and Gender in Antiquity	3
COMM/FOLK/ HIST/WGST 562	Oral History and Performance <sup>H</sup>	3
HIST/EURO/ WGST 259	Towards Emancipation? Women in Modern Europe	3
HIST/PWAD/ WGST 353	War and Gender in Movies <sup>H</sup>	3
HIST/PWAD/ WGST 517	Gender, Military, and War in Comparative Perspective	3
HIST 361/ WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST/WGST 144	Women in the United States from Settlement to Present	3
HIST/WGST 264	Gender in Russian History	3
HIST/WGST 280	Women and Gender in Latin American History	3
HIST/WGST 375	History of Gender in America	3
HIST/WGST 479	History of Female Sexualities in the West	3
HIST/WGST 500	Gender, Empire, and Nation in Europe and Beyond, 18th to the 20th Century	3
HIST/WGST 501	The Gender of Welfare: Comparative Perspectives, 19th and 20th Century	3
HIST/WGST 568	Women in the South	3
HIST/WGST 569	African American Women's History	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
WGST/HIST 313	Women and the Law in Africa and the Middle East	3
WGST 337	African Gender History	3
WGST 560	Women and Religion in United States History	3
WGST 583	Gender and Imperialism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Humanities and Fine Arts

Code	Title	Hours
AMST/WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
ANTH/LING/ WGST 302	Language and Power	3
ANTH/FOLK 537/ WGST 438	Gender and Performance: Constituting Identity	3
ANTH/WGST 222	Prehistoric Art	3
ARTH/WGST 254	Women in the Visual Arts I	3
ARTH/WGST 451	Women in the Visual Arts II	3
ASIA/CMPL/ WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3
CMPL 374/ WGST 373	Modern Women Writers	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM/WGST 345	Women in Film	3
COMM/WGST 524	Gender, Communication, and Culture <sup>H</sup>	3
COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 263	Literature and Gender <sup>H</sup>	3
ENGL/WGST 361	Asian American Women's Writing	3
ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
ENGL/WGST 374	Southern Women Writers	3
ENGL/WGST 446	American Women Authors <sup>H</sup>	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
GERM/WGST 220	Women in the Middle Ages	3
GERM/WGST 250	Women in German Cinema	3
JAPN/WGST 381	Women and Work in Japan	3
JAPN/WGST 384	Women Writers in Japanese Society	3
MUSC/WGST 188	Introduction to Women and Music	3
MUSC/WGST 248	Women in Opera	3
PHIL/WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
PHIL/WGST 475	Philosophical Issues in Gender, Race, and Class	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
RUSS/WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
SPAN/WGST 620	Women in Hispanic Literature	3
WGST 64	Plantation Lullabies: Literature by and about African American Women	3

WGST 66	First-Year Seminar: Growing Up Girl, Globally	3	POLI/WGST 477	Advanced Feminist Political Theory	3
WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3	RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
WGST 202	Introduction to Feminist Thought	3	RELI/WGST 371	Women Mystics	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3	RELI/WGST 424	Gender Theory and the Study of Religion	3
WGST 230	Women in Contemporary Art: A Field Study	3	RELI/WGST 450	Sexuality in Jewish Tradition and History	3
WGST 231	Gender and Popular Culture	3	SOCI/WGST 124	Sex and Gender in Society	3
WGST 232	Identity in Transit: Performing the Self through Photography	3	SOCI/WGST 444	Race, Class, and Gender	3
WGST 233	Introduction to Latina Literature	3	WGST 111	Introduction to Sexuality Studies	3
WGST 281	Gender and Global Change	3	WGST 340	Leadership in Violence Prevention for Peer Educators	3
WGST 285	African American Women in the Media	3	WGST 355	Youth, Sexuality, and the Law	3
WGST 336	Digitizing the Body	3	WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3	WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3	WGST 410	Comparative Queer Politics	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3	WGST 550	The Social Construction of Women's Bodies	3
WGST 555	Women and Creativity	3	WGST 553	Theorizing Black Feminisms	3
			WGST 610	Feminism, Sexuality, and Human Rights	3
			WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 921) for special opportunities.

## Social Sciences

Code	Title	Hours
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
AAAD 232/ WGST 266	Black Women in America	3
ANTH/WGST 277	Gender and Culture	3
ANTH/WGST 278	Women in Science	3
ANTH/WGST 441	The Anthropology of Gender, Health, and Illness	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3
ANTH/WGST 445	Migration and Health	3
ANTH/WGST 458	Archaeology of Sex and Gender	3
ANTH/WGST 660	Kinship, Reproduction, Reproductive Technology, and the New Genetics <sup>H</sup>	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ASIA/GEOG/ WGST 447	Gender, Space, and Place in the Middle East	3
EXSS/WGST 260	Women in Sports	3
GEOG/WGST 225	Space, Place, and Difference	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
PLAN 52/ WGST 51	First-Year Seminar: Race, Sex, and Place in America	3
PLAN/WGST 662	Gender Issues in Planning and Development	3
POLI/WGST 217	Women and Politics	3
POLI/WGST 218	Politics of Sexuality	3
POLI/WGST 265	Feminism and Political Theory	3

## Sexuality Studies Minor

### Contact Information

**Department of Women's and Gender Studies**  
Visit Program Website (<http://womensstudies.unc.edu>)  
208 Smith Building, CB# 3135  
(919) 962-3908

**GerShun Avilez, Director of Sexuality Studies**  
[gavilez@email.unc.edu](mailto:gavilez@email.unc.edu)

**Silvia Tomášková, Chair**  
[tomas@unc.edu](mailto:tomas@unc.edu)

**Karen Thompson, Student Services Manager**  
[kthomps1@email.unc.edu](mailto:kthomps1@email.unc.edu)

**Tanya Shields, Director of Undergraduate Studies**  
[tshields@unc.edu](mailto:tshields@unc.edu)

The minor in sexuality studies coordinates scholars and students from a range of disciplines to study, teach, and create knowledge about human sexuality in its myriad functions and forms.

## Department Programs

### Major

- Women's and Gender Studies Major, B.A. (p. 918)

### Minors

- Women's and Gender Studies Minor (p. 921)

- Sexuality Studies Minor (p. 923)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The five courses required for the minor must include at least one core course and involve work in at least three different departments or curricula.

Code	Title	Hours
<b>Requirements</b>		
Core courses (at least one of the following)		3
COMM 549	Sexuality and Visual Culture	
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	
HIST 566	The History of Sexuality in America	
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	
SOCI/WGST 124	Sex and Gender in Society	
WGST 111	Introduction to Sexuality Studies	
Additional courses (see list below) <sup>1</sup>		12
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Where appropriate, courses taken at Duke University or in a study abroad program also may count toward the minor.

As an example, a minor in sexuality studies could be constructed from WGST 111, AMST 269, HIST 236, HIST 535, and WGST 101, for a minimum of 15 hours from at least three departments or curricula.

## Additional Courses

Code	Title	Hours
AAAD 232/ WGST 266	Black Women in America	3
AMST 269	Mating and Marriage in American Culture	3
AMST 371	LGBTQ Film and Fiction from 1950 to the Present	3
ANTH 442	Health and Gender after Socialism <sup>WGST 440</sup>	3
ANTH/FOLK 473	Anthropology of the Body and the Subject	3
ANTH/LING/ WGST 302	Language and Power	3
ANTH/WGST 277	Gender and Culture	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3
ANTH/WGST 458	Archaeology of Sex and Gender	3
ARTH 53	First-Year Seminar: Art and the Body	3
ARTH 586	Cultural Politics in Contemporary Art	3

ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA/ECON 469	Asian Economic Systems	3
CLAS/WGST 242	Sex and Gender in Antiquity	3
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	3
CMPL 453	The Erotic Middle Ages	3
CMPL 468	Aestheticism	3
CMPL 478	The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights	3
CMPL 487	Literature and the Arts of Love	3
COMM 413	Freud	3
COMM 548	Humor and Culture	3
COMM 549	Sexuality and Visual Culture	3
COMM 652	Media and Difference	3
ENGL 365	Migration and Globalization <sup>H</sup>	3
ENGL 661	Introduction to Literary Theory	3
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation	3
HIST 236	Sex and American History	3
HIST 398	Undergraduate Seminar in History (with approval, based on topic) <sup>H</sup>	3
HIST 535	Women and Gender in African History	3
HIST 566	The History of Sexuality in America	3
HIST 361/ WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 475/ WGST 476	Feminist Movements in the United States since 1945 <sup>H</sup>	3
HIST/WGST 479	History of Female Sexualities in the West	3
JAPN 161	Geisha in History, Fiction, and Fantasy	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
PLAN 52/ WGST 51	First-Year Seminar: Race, Sex, and Place in America	3
POLI/WGST 218	Politics of Sexuality	3
POLI/WGST 265	Feminism and Political Theory	3
PUBH 423	AIDS Service	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 424	Gender Theory and the Study of Religion	3
RELI/WGST 450	Sexuality in Jewish Tradition and History	3
RUSS 273	Russian Culture and Society: 1890-1917	3
RUSS 277	Love, Sex, and Marriage in Soviet Culture	3
SOCI/WGST 124	Sex and Gender in Society	3
WGST 101	Introduction to Women's Studies	3
WGST 231	Gender and Popular Culture	3
WGST 285	African American Women in the Media	3
WGST 388	The International Politics of Sexual and Reproductive Health	3

WGST 410	Comparative Queer Politics	3
WGST 550	The Social Construction of Women's Bodies	3
WGST 553	Theorizing Black Feminisms	3
WGST 610	Feminism, Sexuality, and Human Rights	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 921) for special opportunities.



# SCHOOLS/COLLEGE

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## Division of Academic Affairs

- College of Arts and Sciences (General College) (p. 927)
- Kenan–Flagler Business School (p. 936)
- School of Education (p. 958)
- School of Information and Library Science (p. 971)
- School of Media and Journalism (p. 980)

## Division of Health Affairs

- School of Dentistry (p. 952)
- School of Medicine (p. 997)
- School of Nursing (p. 1009)
- Eshelman School of Pharmacy (p. 928)
- Gillings School of Global Public Health (p. 932)

Entering first-year students and transfers of less than junior standing from other institutions enter the College of Arts and Sciences (General College).

Students with junior standing, including transfers from other institutions, enter a School or College in the Division of Academic Affairs or the Division of Health Affairs (see lists above).

Undergraduate courses are also offered through Summer School (p. 1019) and through the Friday Center for Continuing Education (p. 1020).

# COLLEGE OF ARTS AND SCIENCES AND THE GENERAL COLLEGE

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college.unc.edu (<http://college.unc.edu>)

## Administration

Kevin M. Guskiewicz, Ph.D., *Dean*

Terry Ellen Rhodes, D.M.A., *Senior Associate Dean for Fine Arts and Humanities*

Chris Clemens, Ph.D., *Senior Associate Dean for Natural Sciences and Mathematics*

Rudi Colloredo-Mansfeld, Ph.D., *Senior Associate Dean for Social Sciences and Global Programs*

Kate Henz, *Senior Associate Dean for Administration and Business Strategy*

Abigail Panter, Ph.D., *Senior Associate Dean for Undergraduate Education*

## Divisions

The College is divided into four divisions. All departments and curricula are assigned to one of these four divisions (see "Departments (p. 116)"). Each division has a representative, who serves on the Arts and Sciences Advisory Committee (ASAC). Members are listed below by division.

Victoria Rovine, Ph.D., *Division of Fine Arts*

Alan Nelson, Ph.D., *Division of the Humanities*

Jonathan Engel, Ph.D., *Division of Natural Sciences and Mathematics*

Margaret Scarry, Ph.D., *Division of Social and Behavioral Sciences*

# UNC ESHELMAN SCHOOL OF PHARMACY

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## Contact Information

### UNC Eshelman School of Pharmacy

Visit Program Website (<http://www.pharmacy.unc.edu>)

CB# 7566, 109 Beard Hall

(919) 966-9429

**Dhiren Thakker, Interim Dean**

## Introduction

Pharmacists are the drug-information experts and are among the most trusted and most accessible of health care professionals. Generalists practice in a variety of environments, including community pharmacies, health-system pharmacies, and the pharmaceutical and health care industries. Specialty pharmacy practitioners pursue training beyond the doctor of pharmacy (Pharm.D.) through residencies and fellowships and may ultimately practice in areas such as pediatrics, geriatrics, cardiology, oncology, ambulatory/community care, and others.

Pharmacists evaluate complex approaches to drug therapy and advise patients and other health care professionals on strategies to achieve the best results from pharmaceutical care. Other pharmacists are engaged in practices that monitor, manage, and implement policies affecting drug prescribing and use across large groups of patients, such as those enrolled in a health plan.

The Pharm.D. curriculum emphasizes active engagement of students in the classroom, fosters scientific inquiry and innovation, and immerses students in patient care early and continually in their education. During the professional program, up to 15 months are spent in professional practice experiences under the direct supervision of practicing pharmacists. More information on the curriculum can be found on the school's Web site (<http://www.pharmacy.unc.edu>).

## Advising

Advising in the UNC Eshelman School of Pharmacy is a form of teaching. Advising fosters within student pharmacists skills, abilities, and dispositions that encourage directed career exploration as well as ongoing professional development, lifelong learning, and growth. Faculty advisors serve as content experts and mentors and are assigned to new students prior to the first semester of study. To fully maximize both curricular and cocurricular experiences, students are encouraged to schedule consistent and ongoing advising appointments throughout the course of their study. Professional advisors are also available to assist with student success strategies, decision making, and goal setting. Advising-related inquiries can be addressed to the Office of Curricular and Student Affairs (<http://pharmacy.unc.edu/osa>) in 109 Beard Hall.

## Facilities

The UNC Eshelman School of Pharmacy houses state-of-the-art teaching and research laboratory facilities. The School utilizes cutting-edge video teleconferencing and recording equipment used primarily for delivery of instruction to the satellite campus but also available to graduate and continuing education.

## Graduate School and Career Opportunities

Graduate degrees offered through the UNC Eshelman School of Pharmacy are administered by The Graduate School of the University of North Carolina at Chapel Hill. Students may pursue graduate study in pharmaceutical sciences with concentrations in molecular pharmaceuticals, pharmacotherapy and experimental therapeutics, chemical biology and medicinal chemistry, or pharmaceutical outcomes and policy. A master of science in pharmaceutical sciences with a specialization in health-system pharmacy administration is also offered through the school.

Pharmacy offers a variety of opportunities for career advancement and job security. Because pharmacy education draws from the chemical, physical, biological, and behavioral sciences to develop its knowledge base, pharmacists can contribute to the rational use of medications in many settings. Pharmacists work in all areas of the health care system, including

- Community pharmacy, as a practitioner or a manager in a retail pharmacy, clinic, or office practice
- Health system pharmacy, as practitioner, supervisor, or manager in large or small hospitals, nursing homes, extended care facilities, and health-maintenance organizations
- Pharmaceutical industry, in positions involving research, production, product development, product marketing, and drug information
- Government, in the United States Public Health Service, Veterans Administration, Drug Enforcement Administration, Food and Drug Administration, and military services

## Admission Requirements

Students are admitted to the Pharm.D. program (the four-year program of professional studies) in the UNC Eshelman School of Pharmacy upon completion of at least two years (the prepharmacy years) of collegiate work in the General College of UNC–Chapel Hill or at any accredited institution of higher learning in the United States. Criteria for admission include satisfactory completion (with a grade of C- or better) of all prepharmacy courses prior to beginning the pharmacy program. Other considerations for admission include overall quality of academic performance in prepharmacy courses, Pharmacy College Admissions Test (PCAT) scores, interview scores, involvement in extracurricular activities, and two letters of recommendation.

## Application Procedures

Students applying to the UNC Eshelman School of Pharmacy must submit complete applications to the Pharm.D. program through the Pharmacy College Application Service (PharmCAS) and the school. For application deadlines, processes, and procedures, visit the Web site (<http://www.pharmacy.unc.edu>).

Since pharmacy students are health care professionals, the UNC Eshelman School of Pharmacy requires that accepted applicants receive immunizations and testing in addition to those required for the general University student population. To enroll in this program, a student must have been fully immunized against hepatitis B. Note that the hepatitis B vaccination series takes a minimum of six months to complete, so students should start the series no later than December 15 of the year in which they plan to enroll. Students will also need to be tested for tuberculosis (TB) exposure, as well as varicella (chicken pox) and hepatitis B immunity.

## Prerequisites

All prerequisite courses must be completed with a letter grade of C minus or better (not Pass/Fail).

### Math and Science Prerequisites

Code	Title	Hours
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>1, H</sup>	3
CHEM 430	Introduction to Biological Chemistry <sup>2, H</sup>	3
MATH 231 or MATH 241	Calculus of Functions of One Variable I <sup>H</sup> BioCalculus I	3-4
MCRO 251	Introductory Medical Microbiology	4
PHYS 114	General Physics I: For Students of the Life Sciences	4
PHYS 115	General Physics II: For Students of the Life Sciences <sup>3</sup>	4
STOR 151 or STOR 155	Introduction to Data Analysis Introduction to Data Models and Inference	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Only required for students completing prerequisite courses at UNC–Chapel Hill

<sup>2</sup> Two semesters of organic chemistry should be a prerequisite for the course

<sup>3</sup> Not required for students completing CHEM 241/241L at UNC–Chapel Hill

### General Education Prerequisites

Students must complete all Foundations and Approaches requirements, the U.S. diversity Connections requirement, and the global issues Connections requirement.

## Program of Study

The UNC Eshelman School of Pharmacy offers graduate education and training programs in addition to the clinical doctor of pharmacy practice degree (Pharm.D.). The school offers an M.S. in pharmaceutical sciences with a concentration in health-system pharmacy administration and a Ph.D. in pharmaceutical sciences with concentrations in pharmacoengineering and molecular pharmaceuticals, pharmacotherapy

and experimental therapeutics, chemical biology and medicinal chemistry, and pharmaceutical outcomes and policy.

The Pharm.D. grants entry into the profession and practice of pharmacy. It is neither an undergraduate nor a graduate degree program, but rather a professional degree such as an M.D. or D.D.S. The Pharm.D. curriculum requires a minimum of two years to satisfy prerequisite requirements, normally completed in the General College, followed by four years of professional coursework. Students are subject to the requirements in place when they are admitted to the program.

The doctor of pharmacy program is accredited by the Accreditation Council for Pharmacy Education. Graduates of the school's Pharm.D. program may sit for the state licensure examination for pharmacists.

The school has a satellite campus for the Pharm.D. program at Asheville, NC. The first students were enrolled in this satellite program in August 2011. Students based at the satellite campus receive the same instruction and are subject to the same admission and progression standards as students on the Chapel Hill campus.

Students graduating from the UNC Eshelman School of Pharmacy are expected to develop the following core competencies through coursework, immersion experiences (practica), and cocurricular experiences:

1. In-depth knowledge and proficient skills in the pharmaceutical sciences and the practice of pharmacy: Demonstrate an in-depth understanding of medicines, human health, and health care, and apply the principles and practice of pharmacy to advance human health and health systems
2. Accessing and analyzing information: Identify, locate, critically evaluate, and process information to arrive at an informed opinion
3. Critical thinking and problem solving: Engage in the comprehensive exploration of issues, ideas, and events to identify, prevent, or solve problems
4. Communication: Effectively develop, express, and listen to ideas that inform, inspire, or create focus
5. Collaboration and influence: Work effectively with others to create networks and groups that respect differences and make progress toward a common goal
6. Adaptability: Demonstrate a willingness and ability to change in order to fit new surroundings, ideas, trends, and technologies
7. Initiative: Be self-directed; seek out new opportunities, ideas, and strategies; take responsibility for implementing plans and ideas
8. Curiosity and inquisitiveness: Demonstrate a desire to learn and understand more than is currently understood
9. Professionalism and ethical behavior: Uphold the highest standards of professional and ethical behavior and act appropriately, thoughtfully, and with integrity at all times

In addition, pharmacy graduates must pass national and state licensing examinations in order to practice as pharmacists.

## Program Requirements

The program requirements for the UNC Eshelman School of Pharmacy can be found on the school's Web site (<http://www.pharmacy.unc.edu>).

## Special Opportunities in the UNC Eshelman School of Pharmacy

### Student Organizations

Pharmacy students are active in campus and community activities through their involvement with approximately 15 pharmacy student organizations. They belong to groups that link them to such national professional organizations as the American Pharmacists Association and the American Society of Health System Pharmacists. Pharmacy students provide medication reviews for elderly citizens, staff clinics for indigent patients, and participate in health fairs on campus and in local malls or corporations. Several times each year trips are planned to attend meetings across the nation. Student leadership is fostered through intentional involvement in student organizations and enrolled students are highly encouraged to invest in the opportunities offered through student organizations.

### Experiential Education

The school provides doctor of pharmacy students with a structured, supervised program of participation in the practice of pharmacy. Students gain experience in problem solving and providing patient care while applying the foundational and pharmaceutical sciences learned in the classroom and laboratories. Under the supervision of faculty and selected preceptors, students learn to make decisions based on professional knowledge and judgment. The school requires up to 15 months of full-time precepted practice with early practice experiences in the second and third professional year, followed by nine months of advanced practice experiences in the fourth professional year. The experiential education requirements of the program meet the North Carolina Board of Pharmacy experience requirement (1,500 hours) to sit for the licensure examination.

### Residencies and Fellowships

To increase the depth of their education, many Pharm.D. graduates seek residency training in pharmacy practice. Pharmacy residencies, like medical residencies, provide stipends for further clinical training. There are over 4,000 pharmacy residency positions in the United States with sites in hospitals, community pharmacies, and some specialized facilities. Residency programs may be taken in general pharmacy practice and in specialty areas such as pediatrics, drug information, infectious diseases, oncology, psychiatry, and many others. Some Pharm.D. graduates seek additional training in research methods in drug development, pharmacokinetics, pharmacoconomics, or pharmacotherapy. Postgraduate fellowship programs involve advanced training in these areas and may occur at academic centers or in the pharmaceutical industry. Like residencies, they are paid positions.

### Administration

Dhiren Thakker, *Interim Dean*

Kim Brouwer, *Associate Dean*

Wendy Cox, *Associate Dean*

Rowell Daniels, *Executive Associate Dean*

Stephen Eckel, *Associate Dean*

Annie Hager-Blunk, *Associate Dean*

Roy Hawke, *Assistant Dean*

Pamela Joyner, *Executive Associate Dean*

Macary Marciniak, *Assistant Dean*

Wayne Pittman, *Associate Dean*

Nicki Reitter, *Assistant Dean*

Denise Rhoney, *Associate Dean*

Scott Savage, *Executive Associate Dean*

Mollie Scott, *Regional Associate Dean*

Alexander Tropsha, *Associate Dean*

Rick Wernoski, *Executive Vice Dean*

Carla White, *Assistant Dean*

### Professors

Jeffrey Aube, Sue Blalock, Robert Blouin, Kim Brouwer, Jon Easter, Stephen Frye, Jerry Heneghan, Leaf Huang, Timothy Ives, Michael Jay, Alexander Kabanov, Angela Kashuba, Jennifer Lafata, David Lawrence, Andrew Lee, Kuo-Hsiung Lee, Jian Liu, J. Herbert Patterson, Denise Rhoney, Betsy Sleath, Dhiren Thakker, Alexander Tropsha, Paul Watkins, Xiao Xiao.

### Associate Professors

Kristy Ainslie, Federico Innocenti, Michael Jarstfer, Samuel Lai, Craig Lee, Rihe Liu, Mary Roth McClurg, Sachiko Ozawa, Wayne Pittman, Robert Shrewsbury, Scott Singleton, Philip Smith, Dennis Williams, Tim Wiltshire, William Zamboni, Qisheng Zhang.

### Assistant Professors

Stacy Bailey, Albert Bowers, Antonio Bush, Yanguang Cao, Delesha Carpenter, Daniel Crona, Julie Dumond, Stacie Dusetzina, Gang Fang, Daniel Gonzalez, Nathaniel Hathaway, Shawn Hingtgen, Robert McGinty, Jacqui McLaughlin, Guari Rao.

### Research Professors

Dmitri Kireev, Susan Morris-Natschke, Kenneth Pearce, Michael Wagner, Timothy Willson.

### Research Associate Professors

Elena Batrakova, David Drewry, Alexander Golbraikh, Robert Hubal, Lindsey James, Juan Li, James Luft, Chunping Qiao, Elias Rosen, Xiaodong Wang, William Zuercher.

### Research Assistant Professors

Alison Axtman, Eric Bachelder, Soumya Benhabbour, Rachel Church, Mackenzie Cottrell, Kevin Frankowski, Dong Fu, Masuo Goto, Weigang Huang, Melanie Livet, Andrew Lucas, Merrie Mosedale, Eugene Muratov, Samantha Pattenden, Melanie Priestman, Paul Sapienza, Sarah Scarry, Marina Sokolsky-Papkov, Benjamin Urick, Qunzhao Wang, Yongmei Xu.

### Clinical Professors

Thomas Angelo, Robert Dupuis, Stefanie Ferreri, Alan Forrest, Pamela Joyner, Greene Shepherd.



## Clinical Associate Professors

Amanda Corbett, Wendy Cox, Stephen Dedrick, Stephen Eckel, Macary Marciniak, Adam Persky, Jo Ellen Rodgers, Philip Rodgers, Mollie Scott.

## Clinical Assistant Professors

Heidi Anksorus, Amber Frick, Jessica Greene, Suzanne Harris, Roy Hawke, Stephanie Kiser, Kim Leadon, Amber Proctor, Nicole Pinelli Reitter, Kimberly Sanders, David Steeb, Carla White, Charlene Williams.

## Professors Emeriti

Fred Eckel, Harold Kohn, Rudy Juliano.

## PHCY–Pharmacy Undergraduate-level

**PHCY 124. Contemporary Communications in Health Care. 1 Credit.**

This course exposes students to approaches and strategies that optimize communication in today's dynamic health care field. It is ideal for those considering a career in the health sciences. Students will engage in multifaceted activities and discussions with experienced practitioners and apply course concepts to real world scenarios.

**Requisites:** Prerequisite, ENGL 105.

**Grading status:** Letter grade.

# GILLINGS SCHOOL OF GLOBAL PUBLIC HEALTH

## Contact Information

### Gillings School of Global Public Health

Visit Program Website (<http://www.sph.unc.edu>)

Rosenau Hall, CB# 7400

(919) 966-2499

**Barbara K. Rimer, Dean and Alumni Distinguished Professor**

**Laura Linnan, Senior Associate Dean for Academic and Student Affairs**

**Charletta Sims Evans, Associate Dean for Student Affairs**

**Gregory Bocchino, Director of Student Services**

[bocchino@unc.edu](mailto:bocchino@unc.edu)

## Introduction

The UNC Gillings School of Global Public Health provides exceptional teaching, conducts ground-breaking research, and delivers dedicated service to people across North Carolina, throughout the United States, and around the world. Ranked the top public school of public health by *U.S. News and World Report* for 2016 and second among all public health schools, the school's mission is to improve public health, promote individual well-being, and eliminate health inequities.

The school, accredited by the Council on Education for Public Health, and located in close proximity to UNC–Chapel Hill's schools of medicine, nursing, dentistry, and pharmacy, offers undergraduate and graduate programs on campus and through state-of-the-art online-education programs. The Michael Hooker Research Center and many renovated laboratories and classrooms provide an environment highly conducive to learning about public health and discovering new ways to improve and promote health worldwide.

Beyond campus, we teach, conduct research, and serve communities across our state and nation and around the world. Our Research, Innovation and Global Solutions (<https://sph.unc.edu/solutions/research-innovation-and-global-solutions>) organizes the school's global health activities and enables us to anticipate new public health challenges, quickly find solutions, and accelerate the delivery of best practices to improve people's lives. The school's service and outreach arm, the North Carolina Institute for Public Health (<http://sph.unc.edu/nciph/nciph-home>), brings public health scholarship and practice communities together.

To learn more about the public health field, visit the Association of Schools and Programs of Public Health (<http://aspph.org/discover>). The site defines public health, describes its impact on our lives, and introduces a variety of public health careers.

## Admission

The undergraduate degree offered is the bachelor of science in public health (B.S.P.H.). Four majors are available to undergraduate students: biostatistics, environmental health sciences, health policy and management, and nutrition. Each of these combines features of a broad-based education with concentrated study in a specific public health discipline. The programs prepare individuals for preprofessional positions in health-related fields and provide a firm base for graduate study.

Students are permitted to pursue two majors in the school. Students are subject to the requirements in place when they are admitted to the Gillings School of Global Public Health; consequently, requirements described in this catalog particularly apply to students admitted to the school during the 2017–2018 academic year. In addition to the information presented below please see the Gillings Program Search (GPS) (<http://sph.unc.edu/gps>) for the most up to date information on the school, including course prerequisites and admissions criteria for each of the four undergraduate majors.

Students who wish to obtain the B.S.P.H. degree typically spend two years in the General College of the University of North Carolina at Chapel Hill (or in an equivalent core program of academic study elsewhere) and two subsequent years under the administration of the Gillings School of Global Public Health. Enrollment in the B.S.P.H. degree programs is limited. Typically a student is selected in the latter half of the sophomore year and admitted on a competitive basis for junior year entry to the major. The minimum recommended grade point average for admission to programs in biostatistics, environmental health sciences, health policy and management, and nutrition is 3.0.

For current UNC–Chapel Hill students, the initial step of B.S.P.H. application is available in ConnectCarolina under the "Apply Majors" tab.

Transfer students interested in biostatistics and health policy and management majors must apply through the Office of Undergraduate Admissions (<http://admissions.unc.edu/apply/transfer-students>) using the Transfer Common application. Transfer students interested in environmental health sciences and nutrition majors must be accepted to UNC–Chapel Hill first and then satisfy campus residency requirements during their first and/or second semester at UNC–Chapel Hill, and then apply as a current UNC–Chapel Hill student.

## Requirements Common to All Undergraduate Majors in the Gillings School of Global Public Health

The last 24 of the 30 hours of degree credit must be taken in residence in Chapel Hill. The Gillings School of Global Public Health requires that students earn a C (not C-) or better in prerequisite, core public health, and department-required courses.

At the end of the sophomore year, students are expected to have earned approximately 60 semester hours of credit. These must include all Foundations and Approaches requirements and at least five Connections requirements, including global issues, experiential education, and U.S. diversity<sup>1</sup>. One of the two physical and life science Approaches courses must be BIOL 101/BIOL 101L.

The junior/senior total of approximately 60 semester hours includes BIOS 600 (BIOS 500H for biostatistics students), ENVR 600<sup>2</sup>, EPID 600, HBEH 600, HPM 600<sup>2</sup> and for most departments, a minimum of three electives (seven credit hours) outside the school.

<sup>1</sup> Environmental health sciences and nutrition majors are not required to have completed all Foundations, Approaches, and Connections by the end of their sophomore year.

<sup>2</sup> Environmental health sciences majors and health policy and management majors, see details under department-specific requirements.

## Departments

Four departments in the UNC Gillings School of Global Public Health offer undergraduate degrees:

- Biostatistics (p. 312)
- Environmental Sciences and Engineering (p. 484)
- Health Policy and Management (p. 592)
- Nutrition (p. 700)

Lists of faculty members in those departments are included in those sections of the catalog. Other courses offered by the school are listed on the "Courses" tab under the subject codes PUBH and SPHG. If you are not a matriculated public health major, you may need instructor consent to enroll in public health courses.

## Graduate Departments

- Biostatistics (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Environmental Sciences and Engineering (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Epidemiology (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Health Behavior (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Health Policy and Management (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Maternal and Child Health (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Nutrition (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)
- Public Health Leadership Program (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health>)

## Majors

- Biostatistics Major, B.S.P.H. (p. 314)
- Environmental Health Sciences Major, B.S.P.H. (p. 490)
- Health Policy and Management Major, B.S.P.H. (p. 596)
- Nutrition Major, B.S.P.H. (p. 702)

## HBEH—Health Behavior

### Undergraduate-level

#### HBEH 396. Independent Study in Health Behavior. 1-6 Credits.

Advanced course for undergraduates who wish to pursue a topic or research study in health behavior. To be arranged with faculty. An approved work plan is required.

**Repeat rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading status:** Letter grade.

### Advanced Undergraduate and Graduate-level

#### HBEH 561. Environmental and Science Video Storytelling. 3 Credits.

Students work in teams to produce, shoot, script, and report environmental, science, and medical stories for broadcast on "Carolina Week", the award-winning, student-produced television newscast.

**Grading status:** Letter grade

**Same as:** MEJO 561, HPM 551.

#### HBEH 562. Environmental and Science Documentary Television. 3

**Credits.**

Students work in teams to conceive, produce, and script mini-documentaries on environmental and science topics for broadcast on North Carolina Public Television.

**Grading status:** Letter grade

**Same as:** MEJO 562, HPM 552.

#### HBEH 600. Social and Behavioral Sciences in Public Health. 3 Credits.

This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week. Enrollment is restricted to junior, senior, graduate, and certificate students in programs or majors within the School of Public Health.

**Grading status:** Letter grade.

#### HBEH 601. Principles of Statistical Inference for Health Behavior. 3

**Credits.**

Required preparation, knowledge of basic descriptive statistics. Majors only. Major topics include elementary probability theory, probability distributions, estimation, tests of hypotheses, paired and independent samples t-tests, ANOVA, linear and logistic regression, correlation and chi-squared procedures. SAS, a statistical software package, is used in the course.

**Grading status:** Letter grade.

#### HBEH 610. Alternative Spring Break. 2 Credits.

This course will explore issues, theories, and experiences relevant to social action, coalition building, and social change. The content of this course will be examined by confronting the possibilities and limitations of service and service-learning as it relates to APPLIES Alternative Spring Break experiences.

**Gen Ed:** EE- Service Learning.

**Grading status:** Pass/Fail.

#### HBEH 611. Philanthropy as a Tool for Social Change. 3 Credits.

In this course students learn about and experience the process of awarding grants to local agencies. In addition to participating in the grant-making process, students learn about the nonprofit sector and the philosophy and practice of philanthropy through readings, class exercises, and guest speakers.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

#### HBEH 625. Injury as a Public Health Problem. 3 Credits.

This course examines unintentional injuries from a public health perspective. The course covers core concepts in injury prevention and control, including the epidemiology of unintentional injury, prevention strategies, behavioral models, child and adolescent injury, messaging framing, the Haddon matrix, and injury surveillance.

**Requisites:** Corequisite, EPID 600.

**Grading status:** Letter grade

**Same as:** EPID 625, MHCH 625.

#### HBEH 626. Violence as a Public Health Problem. 3 Credits.

This course covers core concepts in violence prevention and control, including the epidemiology of violence, prevention strategies for inter-personal and intra-personal violence, behavioral models that describe power structures that reinforce personal and societal factors affecting self-harm and violence towards others, and violence directed towards children and adolescents.

**Requisites:** Prerequisite, EPID 625.

**Grading status:** Letter grade

**Same as:** EPID 626, MHCH 626.

**HBEH 660. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers.

**Grading status:** Letter grade

**Same as:** MEJO 560, HPM 550.

**HBEH 660H. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers.

**Grading status:** Letter grade

**Same as:** MEJO 560H, HPM 550H.

**HBEH 690. Special Topics in Health Behavior. 1-3 Credits.**

Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.

**Repeat rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading status:** Letter grade.

## **PUBH–Public Health Undergraduate-level**

**PUBH 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### **Advanced Undergraduate and Graduate-level**

**PUBH 420. The HIV/AIDS Course. 1 Credit.**

This course offers participants a multidisciplinary perspective on HIV/AIDS – its etiology, immunology, epidemiology, and impact on individuals and society. How HIV/AIDS is framed by a society determines not only how affected persons are treated but also the degree to which the rights of the individual are upheld.

**Grading status:** Pass/Fail.

**PUBH 423. AIDS Service. 3 Credits.**

This course will integrate community service into the campus-wide AIDS course. Students will work as volunteer interns three to five hours per week for 10 weeks during the semester with Triangle-area community service organizations.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**PUBH 500. Global Health Discussion Series. 0.5 Credits.**

Provides opportunities for students to get to know each other through an exchange and discussion. Students exchange points of view with globally experienced faculty at UNC-Chapel Hill.

**Grading status:** Letter grade.

**PUBH 510. Interdisciplinary Perspectives in Global Health. 3 Credits.**

Explores issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; and exposes students to opportunities in global health work and research.

**Repeat rules:** May be repeated for credit.

**Grading status:** Letter grade.

**PUBH 610. Introductory Spanish for Health Professionals. 3 Credits.**

This course is intended for students who know no Spanish or so little that they feel the need to start over. Students with more than two semesters of college Spanish are not eligible. The course covers the curriculum of first-semester Spanish taught within a health context, with a focus on speaking.

**Grading status:** Letter grade.

**PUBH 613. Intermediate Spanish for Health Care I. 3 Credits.**

This intermediate course is the equivalent of the third semester of college Spanish. Students will hone their listening and speaking skills in class primarily through role-playing activities and class discussion. Activities center on an original film set in a health clinic in rural North Carolina.

**Grading status:** Letter grade

**Same as:** AHSC 613I, NURS 613I, PHCY 613I, SOWO 613I.

**PUBH 614I. Intermediate Spanish for Health Care II. 3 Credits.**

Permission of the instructor. This primarily e-learning course provides public health students with the opportunity to improve their oral communication skills in Spanish at the intermediate level via DVD, Web, and workbook. Instructor-led. Online course.

**Requisites:** Prerequisite, PUBH 613I.

**Grading status:** Pass/Fail

**Same as:** AHSC 614I, NURS 614I, PHCY 614I, SOWO 614I.

**PUBH 615. Advanced Spanish for Health Care I. 3 Credits.**

Required preparation, third semester Spanish or equivalent. This advanced course reviews the grammar of the third and fourth semester of college Spanish. Students hone their listening and speaking skills through role-playing activities and class discussion. Activities center on an original film set in a Latino-run health clinic.

**Grading status:** Letter grade

**Same as:** AHSC 615I, DENT 615I, MEDI 615I, NURS 615I, PHCY 615I, SOWO 615I.

**PUBH 616I. Health Care Informatics. 2 Credits.**

Course designed to provide a multimodal learning experience that prepares health sciences students to learn to become proficient at selecting/using technology for organizing, analyzing, and managing information in health care settings.

**Grading status:** Letter grade

**Same as:** PHCY 616I.

**PUBH 680. Public Health Practice. 3 Credits.**

A comprehensive introduction to public health concepts and practice through an examination of the philosophy, purpose, history, organization, functions, tools, activities, and results of public health practice at the national, state, and community levels. Online course.

**Grading status:** Letter grade.

**PUBH 690. Special Topics in Public Health Leadership. 1-3 Credits.**

Permission of the instructor. Sections will focus on specific topics of current interest to health workers. Fliers describing the section offering will be distributed prior to registration each semester. Lecture hours per week dependent upon credit.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**PUBH 696. Independent Study. 1-3 Credits.**

Independent Study to address goals and objects of student. Prior faculty agreement is required. Registration for an independent study course must be completed after the learning contract has been approved and no later than the last day of "late registration" (the end of the first week of classes in F/S).

**Grading status:** Letter grade.

## **SPHG–School of Public Health General Undergraduate-level**

**SPHG 350H. Introduction to Public Health. 3 Credits.**

This introductory course will describe the history of public health, the key terms and concepts, and how the core areas of public health are integrated to promote health at a population level. The class will engage the students in active learning through the use of media, innovative technology, discussion groups, and field experiences.

**Grading status:** Letter grade.

### **Advanced Undergraduate and Graduate-level**

**SPHG 600. Introduction to Public Health. 3 Credits.**

School of Public Health majors only. This introductory course describes the history of public health, key terms, concepts, and the integration of core areas of public health to promote health at a population level. The class engages students in active learning through the use of media, innovative technology, discussion groups, and field experiences.

**Grading status:** Letter grade.

**SPHG 620. Exploring Public Health. 1 Credit.**

This introductory course serves to develop a foundation in the breadth and depth of public health, locally and globally. Students will develop an understanding of the basic concepts of the public health disciplines and how they are used to promote health at a population level.

**Grading status:** Pass/Fail.

**SPHG 690. Special Topics in Public Health. 1-3 Credits.**

Topic will vary with the instructor and semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.



# KENAN–FLAGLER BUSINESS SCHOOL

## Contact Information

### Kenan–Flagler Business School

Visit Program Website (<http://www.kenan-flagler.unc.edu>)

McColl Building, CB# 3490

(919) 962-3235

**Douglas A. Shackelford, Dean**

**David Hofmann, Senior Associate Dean and Distinguished Professor**

**Wendell Gilland, Associate Dean for Undergraduate Programs**

### Undergraduate Business Help Desk

[ubhelpdesk@kenan-flagler.unc.edu](mailto:ubhelpdesk@kenan-flagler.unc.edu)

## Introduction

The UNC Kenan–Flagler undergraduate business program offers a program of study that provides students with a thorough grounding in all areas of business and a broad introduction to the liberal arts. The UNC Kenan–Flagler undergraduate experience is distinctive because the school offers:

- An undergraduate business experience that is ranked highly in the nation by *U.S. News & World Report*, *Poets & Quants*, and *Bloomberg BusinessWeek*
- Career services professionals who help students identify career interests and a plan for pursuing them
- A liberal arts-oriented curriculum
- A global perspective relevant to the needs of business today
- Activities and organizations for an active student life
- Individual attention usually associated with smaller schools
- Multiple opportunities provided by a leading, large research university
- Faculty who are outstanding in and out of the classroom

Students choose business electives to develop a specific area of business interest. Courses selected from other UNC–Chapel Hill schools and programs add to their depth of knowledge. The result is that students are able to see “the big picture.” The school believes that completion of the undergraduate business program provides students with a distinct advantage in a highly selective and competitive job market.

Students may choose to complete a minor in business administration instead of a business major, or they may take a limited number of business administration courses as general electives for their chosen degree program.

The business administration program is considered a broad-based, general management degree, and the Kenan–Flagler Business School encourages breadth in both the business curriculum and in the continuation of study in fine arts, humanities, and natural and social sciences. A second major may be possible and requires advance approval by both the undergraduate business program and the second academic unit. In all cases, undergraduate business majors are encouraged to take upper-level courses during the third and fourth years.

## Taking Business Courses as a Nonmajor/Nonminor

Undergraduate students who do not intend to major or minor in business administration may take a limited number of business courses (limits may change based on course availability) as free electives for their particular major. Nonmajors may take one course per semester and over the course of a student’s academic career the limit is five courses, regardless of credit hours. Registration in business courses for nonmajors and nonminors is made on a space-available basis. Preference is given to students with an overall grade point average of 3.0. Requests for available seats are made online through the undergraduate business program Web site during the first week of each academic semester. Final approval to take a business course is at the discretion of the undergraduate business program. Due to the program specific nature of BUSI 412, nonmajors and minors may not request this course. Additionally, nonmajors and minors may enroll themselves in BUSI 500 and BUSI 520. These courses have a reserved number of seats for nonbusiness students. Requests for these courses will not be accepted through the request form available the first week of the academic semester. Refer to the course description list for additional information concerning prerequisites for specific courses.

## Advising

Once admitted to the business **major**, all academic matters, including academic advising, are handled in McColl Building.

Students admitted to the business **minor** should continue to work with their major department for academic matters outside of business minor requirements. However, business minors have full access to our career team and global programs.

All students should meet regularly with their advisor and monitor their progress toward completion of both the business major and minor requirements utilizing Tar Heel Tracker. Upon admission, business majors and minors receive information on how to schedule appointments through the undergraduate business program intranet.

## Admission to the Kenan–Flagler Business School

Kenan–Flagler’s undergraduate business program is a small, select program with approximately 350 majors and 50 minors admitted each year. The program seeks candidates whose analytical and organizational abilities, written and oral communication skills, leadership potential, global mindset, and motivation indicate strong potential for success. Admission is competitive and based on academic achievement, leadership, cocurricular activities and involvement, work experience, diversity of skills and interests, and focus and depth of thought as expressed in a personal statement, essays, and résumé.

## Preparation for the Business Administration Major or Minor

A student admitted to the Kenan–Flagler Business School typically begins the undergraduate business program in the spring semester of the second year or fall semester of the third year. First- and second-year students in the General College who consider themselves prebusiness majors complete certain prerequisite courses as part of their General Education requirements. Preparation for the business major and minor

is the same, except that ECON 410 is not a prerequisite for the business minor.

A prebusiness track includes successful completion (defined as earning a final grade of at least a C, not C-) of the following courses (or their equivalents):

Code	Title	Hours
ECON 101	Introduction to Economics <sup>H</sup>	3
BUSI 101 or BUSI 102	Management Accounting Financial Accounting	1.5-4
ECON 410	Intermediate Theory: Price and Distribution <sup>H</sup>	3
The calculus mathematics requirement can be fulfilled by taking one of the following:		
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	
STOR 113	Decision Models for Business and Economics	
STOR 155	Introduction to Data Models and Inference	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Prerequisite courses do not need to be complete at the time of application. However, it is typically beneficial for the admissions committee to see grades in as many prerequisites as possible during the admissions review. Students must complete all business school prerequisites before they are eligible to *start* in the undergraduate business program.

Students are encouraged to take the calculus mathematics requirement, ECON 101, and one of the BUSI 101 OR BUSI 102, ECON 410, or STOR 155 courses in their first year at UNC. If students wish to be considered for admission in the spring semester of the second year, they need to complete all requirements by the end of the first semester of the second year. To be considered for admission in the fall semester of the third year, all requirements should be completed by the end of the second year.

For the foundational skills in foreign language, the business school neither requires a particular language nor requires coursework beyond level 3. Please note, however, that some overseas study programs are language-based and may necessitate a student's proficiency beyond level 3.

The business school makes no other specific recommendations about courses for other General Education requirements. The school encourages students to challenge themselves by exploring unfamiliar, new disciplines and by strengthening written and verbal communication and critical thinking. It is possible for a business major to earn a second major and a minor, or two minors. First- and second-year students may wish to build a foundation for such a complementary academic track.

## Prebusiness Advising

First- and second-year students in the General College who consider themselves prebusiness majors are encouraged to seek prebusiness advising from the social and behavioral sciences division in the Academic Advising Program (Steele Building). The admissions staff from the Kenan-Flagler Business School conducts a series of small group advising sessions to address application specific questions in Hardin Hub and Steele Building.

Prospective and current applicants should also frequently check the school's Web site (<http://www.kenan-flagler.unc.edu/admissions/undergraduate-business/deadlines-events>) for dates of upcoming information sessions, workshops, or important deadlines.

## Admission from the General College

Students interested in pursuing the business major can apply to begin the program in the spring of the second year or the fall of the third year. The undergraduate business admissions process can begin as early as the summer after the first year. All business prerequisites must be completed prior to beginning the program. Applicants with a minimum cumulative grade point average of 3.0 in all coursework and in business prerequisites are given priority consideration in the admissions process. While all of the factors mentioned above are considered in the admissions process, academic performance at UNC-Chapel Hill is a critical component.

Admission to the business minor follows the same application schedule and process as the business major. Admission is both selective and competitive with approximately 50 students admitted to the business minor. Students from any discipline *excluding business journalism and quantitative physics* may apply to the business minor during the fall semester of their second year or the fall semester of their third year. Applications for the minor are not accepted once a student has entered the fourth year.

The business administration major is a four- or five-semester program. Students are required to graduate from UNC-Chapel Hill in eight semesters. The business minor requires a minimum of two semesters, preferably three, to complete.

## Transfer Admission

Transfer students are an integral and vibrant part of the Carolina community. They bring a diversity and experience to the institution that enhances the overall experience for all students, faculty members, and staff. In the Kenan-Flagler undergraduate business program, we understand that transferring is a complex process and have outlined below the policies and guidelines to help students make informed decisions and achieve as smooth a transition as possible.

Transfer students must first be admitted to UNC-Chapel Hill by the Office of Undergraduate Admissions prior to applying to the undergraduate business major or minor. Students must spend at least one semester (fall) in the College of Arts and Sciences before they are eligible to *start* at the business school. (Students apply early in their first semester at UNC-Chapel Hill.)

Transfer students who transfer more than 30 hours to UNC are eligible to take an additional ninth or 10th semester at the University. This is sometimes useful and necessary in order for transfer students to complete the business prerequisites and/or business degree.

Transfer students should know that admission to the business school is extremely competitive. We admit 50 percent of our applicants each year. Students should review the eligibility requirements and class profile at the undergraduate business admissions section of the Kenan-Flagler Web site. Students who are currently enrolled in business programs at other four-year institutions should think carefully about their decision to leave those programs.

### Transfer Applicants:

1. Must complete all business school prerequisites before they are eligible to *start* in the undergraduate business program. Prerequisite

courses do not need to be complete at the time of application. However, it is typically beneficial for the admissions committee to see grades in as many prerequisites as possible during the admissions review.

2. Should submit a Transfer Equivalency Credit Review form, located on the Kenan–Flagler Web site, for business courses as soon as they accept the offer to attend UNC–Chapel Hill. A course syllabus must be submitted with this form. While most transfer equivalencies will be determined through the Office of Undergraduate Admissions, the business school makes all decisions on business course transfers. Students should allow up to three weeks for a decision.
3. Should consider whether or not they are willing to take an additional ninth and/or 10th semester at UNC, if necessary.
4. Could consider attending UNC Summer School to catch up on completing business school prerequisites. UNC Summer School provides transfer students with an excellent opportunity to acclimate to life in Chapel Hill, as well as the academic environment, by completing one or two courses before taking a full course load during the fall semester.
5. Could consider the undergraduate business minor instead of the business major, if they are finding it difficult to complete all of the prerequisites for the major. Business minors receive all of the benefits that business majors do (alumni network, access to global program opportunities, and career development initiatives, etc.), are highly sought after by recruiters, and achieve the same employment rates as business majors. The business school does not award transfer credits in excess of 13 credit hours total (four courses in any combination of lower- or upper-level courses). For students who earn admission to Kenan–Flagler Business School, no more than three upper-level courses taken at another institution may be applied to the undergraduate business major curriculum unless earned as part of a preapproved Kenan–Flagler overseas study program. All business minor courses must be completed at UNC Kenan–Flagler, except for BUSI 101 (or BUSI 102).

#### Major

- Business Administration Major, B.S.B.A. (p. 947)

#### Minor

- Business Administration Minor (p. 950)

#### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school>)
- Ph.D. in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school>)

## Distinguished Professors

Barry L. Bayus, Richard A. Bettis, Robert M. Bushman, Jennifer S. Conrad, Jeffrey R. Edwards, Paolo Fulghieri, Eric Ghysels, Raj Grewal, John Hand, David J. Hartzell, David A. Hofmann, James H. Johnson Jr., Wayne R. Landsman, Mark H. Lang, Edward Maydew, David J. Ravenscraft, Albert H. Segars, Douglas A. Shackelford, Anil Shivdasani, J.B. Steenkamp, Jayashankar M. Swaminathan, Valarie Zeithaml.

## Professors

Sridhar Balasubramanian, Christopher Bingham, Greg Brown, James W. Dean Jr., Vinayak Deshpande, Steve Jones, Eva Labro, Christian Lundblad, Arvind Malhotra, Atul Nerkar, Hugh O'Neill, William P. Putsis, Adam V. Reed, Harvey M. Wagner.

## Associate Professors

Jeffery Abarbanell, Michelle Rogan Amijee, Richard S. Blackburn, Michael Christian, Riccardo Colacito, Robert A. Connolly, Mariano Croce, Nicholas M. Didow, Alison Fragale, Diego Garcia, Katrijn Gielens, Wendell G. Gilland, Isin Guler, Mustafa Gultekin, Saravanan Kesavan, Camelia Kuhnen, Tarun Kushwaha, Xiaoyuan Lu, Adam Mersereau, Paige Ouimet, Ali Parlakturk, Jana Smith Raedy, Jacob Sagi, Bradley Staats, Geoffrey Tate, Sriraman Venkataraman.

## Assistant Professors

Yasser Boualam, Dragana Cvijanovic, Jesse Davis, Sreedhari Desai, Isaac Dinner, Noah Eisenkraft, Seyedmorteza Emadi, Nickolay Gantchev, Olga Hawn, Bradley Hendricks, Jeffrey Hoopes, Bin Hu, Pranav Jindal, Venkat Kuppuswamy, Shijie Lu, Patia McGrath, Shimul Melwani, Mahka Moeen, Matthew Pearsall, Sandeep Rath, Gill Segal, Nur Sunar.

## Instructors

Christina Synn, Xinxin Wang.

## Clinical Professors

Patricia Harms, Mabel Miguel, Heidi Schultz, Charles Skender, Judy Tisdale, Ted Zoller.

## Clinical Associate Professors

Sharon Cannon, Larry Chavis, Courtney Edwards, Timothy Flood, Paul Friga, Carol Hee, Claudia Kubowicz Malhotra, Michael Meredith, Deborah Stroman, Patrick Vernon.

## Clinical Assistant Professors

Alexander Arapoglou, Tamara Barringer, Jessica Christian, Elizabeth Dickinson, Allison Schlobohm, William Weld.

## Adjunct Professor

Douglas Elvers.

## Adjunct Associate Professor

Travis Day.

## Adjunct Assistant Professors

Lynn Dikolli, David Roberts.

## Senior Lecturers

Gregory Hohn, Allen Snively Jr.

## Lecturers

Tanja Snively, Courtney Wright.

## Professors of the Practice

Stephen Arbogast, Michael Jacobs, Shawn Munday, Charles Myer.

## Professors Emeriti

Robert Adler, Carl R. Anderson, Gary M. Armstrong, R. Lee Brummet, Dewitt Clinton Dearborn, Robert DesJardins, G. David Hughes, Thomas H. Jerdee, John D. Kasarda, Jay Edward Klompmaker, Clifton Holland Kreps Jr., Harold Q. Langenderfer, J. Finley Lee, Richard Wolcott McEnally, Curtis McLaughlin, Dannie Joseph Moffie, Jack Olin, William D. Perreault Jr., John Pringle, Richard Rendleman, Benson Rosen, Aleda Roth, David Rubin, Junius H. Terrell, Rollie Tillman, D. Clay Whybark.

## BUSI–Business Administration

### Undergraduate-level

#### **BUSI 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### **BUSI 101. Management Accounting. 4 Credits.**

Elements of accounting for management planning, budgeting, and control. Emphasis is on management uses of accounting information. Students may not receive credit for both BUSI 101 and BUSI 106, 107, or 108.

**Grading status:** Letter grade.

#### **BUSI 102. Financial Accounting. 1.5 Credit.**

Provides an introduction to financial accounting reports and processes. Students learn skills to read, analyze, and understand a variety of financial reports. The course focuses on the fundamental accounting concepts and the transactions and economic events that form the basis for construction of the balance sheet, income statement, statement of stockholders' equity, and statement of cash flow. Exercises and problems are used extensively to emphasize external reporting. Students may not receive credit for both BUSI 102 and BUSI 106 and may not receive credit for both BUSI 102 and BUSI 107.

**Grading status:** Letter grade.

#### **BUSI 106. Financial Accounting CS. 3 Credits.**

Offered online by Continuing Studies. UNC-Chapel Hill business majors/minors may not take BUSI 106. Role of accounting, basic concepts and methodology, mass data processing, valuation and income determination principles, management and internal control problems, and basic financial statement components.

**Requisites:** Pre- or corequisite, ECON 101.

**Grading status:** Letter grade.

#### **BUSI 107. Management Accounting SS. 3 Credits.**

Offered in summer school only. Elements of accounting for management planning, budgeting, and control. Emphasis is on management uses of accounting information. Students may not receive credit for both BUSI 107 and BUSI 101 or 108.

**Grading status:** Letter grade.

#### **BUSI 108. Management Accounting CS. 3 Credits.**

Offered online by Continuing Studies. UNC-Chapel Hill business majors/minors may not take BUSI 108. May be taken before, after, or concurrently with BUSI 106. Elements of accounting for management planning, budgeting, and control. Emphasis is on management uses of accounting information. Students may not receive credit for both BUSI 108 and BUSI 101 or 107.

**Grading status:** Letter grade.

#### **BUSI 188. Foundations of Leadership: Discovering Your Strengths. 1.5 Credit.**

This course introduces the concepts of strengths-based leadership development to help uncover strengths and maximize potential for overall success. Students will learn how to connect these strengths to all areas of life, including, but not limited to, their academic journey as well as their future career path.

**Grading status:** Letter grade.

#### **BUSI 189. Introduction to Careers in Business. 1.5 Credit.**

This course gives students an overview of the career options in business. This overview provides an understanding of the foundations of business and allows students to reflect on what specific business areas they might want to pursue.

**Grading status:** Letter grade.

#### **BUSI 190. Business Topics. 1-3 Credits.**

Varied topics in business administration.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 6 total completions.

**Grading status:** Letter grade.

#### **BUSI 201. Business in Europe. 0.5-15 Credits.**

Business in Europe

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### **BUSI 202. Business in East Asia. 0.5-15 Credits.**

Business in East Asia

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### **BUSI 203. Business in South East Asia. 0.5-15 Credits.**

Business in South East Asia

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### **BUSI 204. Business in Latin America. 0.5-15 Credits.**

Business in Latin America

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### **BUSI 205. Business in the Middle East. 0.5-15 Credits.**

Business in the Middle East

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### **BUSI 206. Business in Africa. 0.5-15 Credits.**

Business in Africa

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.

#### **BUSI 207. Business in Oceania. 0.5-15 Credits.**

Business in Oceania

**Repeat rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading status:** Letter grade.



## Advanced Undergraduate and Graduate-level

### **BUSI 401. Management and Corporate Communication. 3 Credits.**

Open to business majors. Writing- and speaking-intensive course that emphasizes professional communication. Provides opportunities to learn and apply the conventions and expectations for standard business documents and presentations. Features strategies for addressing informative, persuasive, and bad-news messages using a variety of media (print documents, electronic messages, and oral presentations).

**Gen Ed:** CI.

**Grading status:** Letter grade.

### **BUSI 403. Operations Management. 3 Credits.**

Analysis of the operations functions in both manufacturing and service organizations. Formulating operational policies that improve efficiency and support high-level business strategy. Developing remedies that mitigate uncertainty and variability in operational processes.

**Grading status:** Letter grade.

### **BUSI 404. The Legal and Ethical Environment of Business. 1.5 Credit.**

An introduction to the legal system and an examination of ethical issues that affect business.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading status:** Letter grade.

### **BUSI 405. Leading and Managing: An Introduction to Organizational Behavior. 3 Credits.**

An introduction to leading and managing in organizations. Examines the impact of individual, group, and organizational factors on organizational performance and employee attitudes. Topics include leadership, perceptions, attitudes, motivation, group development, norms and cohesiveness, empowerment, conflict, negotiations, culture, structure, stress, innovation, and change.

**Grading status:** Letter grade.

### **BUSI 406. Marketing. 3 Credits.**

Introduction to marketing with emphasis on the social and economic aspects of distribution, consumer problems, marketing functions and institutions, marketing methods and policies.

**Grading status:** Letter grade.

### **BUSI 407. Financial Accounting and Analysis. 3 Credits.**

Students will acquire the tools to understand and analyze information presented in corporate financial statements. Financial accounting results and projected results are utilized in virtually every segment of the business world. Knowledge of financial accounting and analysis is necessary for managers, investors, bankers, financial analysts, and professional accountants.

**Grading status:** Letter grade.

### **BUSI 408. Corporate Finance. 3 Credits.**

Theoretical foundations of optimal financial policy. Problems and cases provide application of theory to financial decisions involving cash flow, capital structure, capital budgeting.

**Requisites:** Prerequisites, BUSI 101 and ECON 101.

**Grading status:** Letter grade.

### **BUSI 409. Advanced Corporate Finance. 1.5 Credit.**

A follow-up course to BUSI 408 that goes more deeply into the theory and application of financial management. Emphasis is placed on investment, financing, and dividend decisions.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

### **BUSI 409H. Advanced Corporate Finance. 1.5 Credit.**

A follow-up course to BUSI 408 that goes more deeply into the theory and application of financial management. Emphasis is placed on investment, financing, and dividend decisions.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

### **BUSI 410. Business Analytics. 3 Credits.**

While witnessing an explosion of data, most organizations tend to be awash with data but short on information. This course exposes students to techniques that will help them impact on an organization's strategy, planning, and operations, working on applications spanning a number of fields, including operations management, finance, and marketing.

**Requisites:** Prerequisite, STOR 155.

**Grading status:** Letter grade.

### **BUSI 411. Strategic Management at the Business Level. 1.5 Credit.**

Students analyze sources of competitive success in business organizations using case analysis and written reports to develop analytical reasoning skills for assessing forward looking opportunities for the company. The emphasis is on industry analysis and organizational analysis and the development and management of firm specific competencies for successful growth.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading status:** Letter grade.

### **BUSI 412. Strategic Management in the Modern Corporation. 1.5 Credit.**

Students study the development of alternate forms of corporate-level diversification, with an emphasis on understanding the varied paths of corporate development. There is a focus on the challenges of integrating activities across diversified corporations and the tools to manage firms through the transitions that signal a change in strategy.

**Requisites:** Prerequisite, BUSI 411.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading status:** Letter grade.

### **BUSI 463. Business and the Environment. 3 Credits.**

This course explores the intersection of business/economic growth and the major sustainability issues affecting the environment and societal well-being and raises questions about business ethics and the moral responsibility of business leaders, consumers, and citizens. Previously offered as ENEC 306.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade

**Same as:** ENEC 463.

### **BUSI 463H. Business and the Environment. 3 Credits.**

This course explores the intersection of business/economic growth and the major sustainability issues affecting the environment and societal well-being and raises questions about business ethics and the moral responsibility of business leaders, consumers, and citizens. Previously offered as ENEC 306.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade

**Same as:** ENEC 463H.

### **BUSI 490. Business Topics. 1.5 Credit.**

Varied topics in business administration.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 6 total completions.

**Grading status:** Letter grade.



**BUSI 490H. Business Topics. 1.5 Credit.**

Varied topics in business administration.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 6 total completions.

**Grading status:** Letter grade.

**BUSI 493. Business Internship Project I. 3 Credits.**

Permission of the department. With prior approval, a student may propose and complete an academic research project (paper and presentation) derived from an internship experience.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

**BUSI 496. Independent Study in Business. 1.5-3 Credits.**

Permission of the department. Supervised individual study and research in the student's special field of interest.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 500. Entrepreneurship and Business Planning. 3 Credits.**

Students gain an understanding of entrepreneurship and the tools and skills necessary to conceive, plan, execute, and scale a successful new venture. Students develop business ventures in teams through an experiential pedagogy.

**Grading status:** Letter grade.

**BUSI 500H. Entrepreneurship and Business Planning. 3 Credits.**

Students gain an understanding of entrepreneurship and the tools and skills necessary to conceive, plan, execute, and scale a successful new venture. Students develop business ventures in teams through an experiential pedagogy.

**Grading status:** Letter grade.

**BUSI 501. Professional Selling Strategies and Skills. 3 Credits.**

Critical concepts and skills for selling products and services, and influencing others in business. Applicable to people considering sales or consulting as a career; to those thinking of starting an entrepreneurial company; or for those who want to understand how to influence peers, subordinates, and management.

**Requisites:** Prerequisite, BUSI 406.

**Grading status:** Letter grade.

**BUSI 502. Entrepreneurial Finance. 1.5 Credit.**

In this course students use financial tools and concepts in a real-world entrepreneurial setting. Working in assigned teams, students prepare a pitch book with financial projections for a company they wish to start or buy.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 503. Family Business I: Introduction to Family Enterprise. 1.5 Credit.**

Helps the student understand the evolutionary stages in the life of a family business and the challenges and opportunities that must be managed at each stage

**Grading status:** Letter grade.

**BUSI 504. Launching the Venture. 1.5 Credit.**

This is a cross-campus course for exceptional students, staff, and faculty, designed to help launch UNC-Chapel Hill start-ups. Only for students serious about launching in the next nine to 12 months. Admission by online application. More information at [www.launch.unc.edu](http://www.launch.unc.edu).

**Requisites:** Prerequisite, BUSI 500.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 4 total completions.

**Grading status:** Letter grade.

**BUSI 505. Consulting to Entrepreneurial Firms. 3 Credits.**

Student teams engage in consulting projects to help a wide range of small business owners, early stage start-ups, and not-for-profit ventures tackle typical entrepreneurial challenges. Data is gathered through extensive fieldwork, such as client meetings, customer surveys, interviews with thought leaders, site visits, and product tests. Due to the heavy workload, students should not enroll in BUSI 505 and BUSI 554 concurrently.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**BUSI 506. Venture Capital and Start-Ups. 3 Credits.**

An introduction to the tools and skills necessary to recognize opportunities in high tech, biotech, and traditional start-ups. Local entrepreneurs come to class to pitch to students, who analyze the start-ups from the perspective of venture capitalists.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 507. Sustainable Business and Social Entrepreneurship. 3 Credits.**

Examines what it means to pursue business success as measured by the triple-bottom line of people, planet, and profit. Focuses on strategies that companies implement to reduce environmental impact internally and through the supply chain. Examines the responsibility of business to employees, consumers, the local community, and society at large.

**Grading status:** Letter grade.

**BUSI 507H. Sustainable Business and Social Entrepreneurship. 3 Credits.**

Examines what it means to pursue business success as measured by the triple-bottom line of people, planet, and profit. Focuses on strategies that companies implement to reduce environmental impact internally and through the supply chain. Examines the responsibility of business to employees, consumers, the local community, and society at large.

**Grading status:** Letter grade.

**BUSI 512. Family Business II: Governance and Ownership. 1.5 Credit.**

Recommended preparation, completion of BUSI 503. Helps the student understand specific ownership, stewardship, tax, transition, and wealth management issues that affect family enterprises.

**Grading status:** Letter grade.

**BUSI 514. STAR. 4.5 Credits.**

Student Teams Achieving Results (STAR) is a live management consulting project that leverages and integrates UNC Kenan-Flagler course curricula. Teams of five to seven M.B.A. and undergraduate students and one faculty member work with major corporations or not-for-profit entities to solve a major strategic issue.

**Requisites:** Pre- or corequisite, BUSI 554.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 9 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 514H. Star. 4.5 Credits.**

Student Teams Achieving Results (STAR) is a live management consulting project that leverages and integrates UNC Kenan-Flagler course curricula. Teams of five to seven M.B.A. and undergraduate students and one faculty member work with major corporations or not-for-profit entities to solve a major strategic issue.

**Requisites:** Pre- or corequisite, BUSI 554.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 9 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 517. Private Equity and Debt Markets. 1.5 Credit.**

The objective of this course is to examine the changing world of private equity investments today. This is a survey course and will help prepare you to work for private equity and venture capital funds or to work for investment banks.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 518. Applied Private Equity. 3 Credits.**

Permission of the instructor. Explores, at a very advanced level, all stages of the management of a venture capital and private equity fund, from capital formation, deal sourcing, due diligence, monitoring and adding value, and exiting of a portfolio company.

**Requisites:** Prerequisites, BUSI 502 and 517.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BUSI 518H. Applied Private Equity. 3 Credits.**

Permission of the instructor. Explores, at a very advanced level, all stages of the management of a venture capital and private equity fund, from capital formation, deal sourcing, due diligence, monitoring and adding value, and exiting of a portfolio company.

**Requisites:** Prerequisites, BUSI 502 and 517.

**Repeat rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BUSI 519. STAR--Global. 4.5 Credits.**

A global, live management consulting project that integrates other curricula and students (UNC and beyond). Teams of graduate and undergraduate students and one faculty member work to solve a major strategic issue. Team members participate in a three-day training weekend, virtual teaming, and two weeks of in-country project work.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 9 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 519H. STAR--Global Business Projects. 4.5 Credits.**

A global, live management consulting project that integrates other curricula and students (UNC and beyond). Teams of graduate and undergraduate students and one faculty member work to solve a major strategic issue. Team members participate in a three-day training weekend, virtual teaming, and two weeks of in-country project work.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit. 9 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 520. Advanced Spreadsheet Modeling for Business. 3 Credits.**

Primarily an online class. Use critical thinking and advanced Excel features to create spreadsheet models of common business problems. Topics include flexible design, problem solving, statistical analysis, charting, logic, reference functions, financial analysis, organizing data for complex analysis, what-if analysis, enhanced decision-making tools, troubleshooting workbooks, and VBA.

**Grading status:** Letter grade.

**BUSI 524. Applied Improvisation for Business Communication. 3 Credits.**

Focuses on improving students' soft skills, such as presenting, expressiveness, and interviewing, by applying the principles and techniques of improvisational theater. Participants explore creativity, adaptation, awareness, self-confidence, risk taking, physicality, intuition, and teamwork. Students can stretch their abilities and discover things about themselves and others that are crucial to success.

**Grading status:** Letter grade.

**BUSI 525. Advanced Business Presentations. 1.5 Credit.**

This course is grounded in argument, persuasion, and visual rhetoric to give students skills needed to develop winning presentations. Students learn strategies to help their messages "stick" with their audiences and to develop slide decks for the boardroom and advanced media devices. The course emphasizes efficiency in presentation preparation.

**Requisites:** Prerequisite, BUSI 401.

**Grading status:** Letter grade.

**BUSI 526. Leadership in Action. 3 Credits.**

Permission of the department. Provides student leaders with practical leadership frameworks and tools; creates opportunities to apply these on the job as leaders; and provides individualized coaching, feedback, and mentoring. This is an applied learning course taught by a seasoned practitioner designed to accelerate each student's development and growth.

**Grading status:** Letter grade.

**BUSI 527. Gender Issues in the Workplace. 1.5 Credit.**

Gender is a relevant subject in all professions. Research shows that recruiting, developing, and keeping diverse employees, leaders, and managers can benefit individuals, organizations, and societies. Students will learn to think critically about gender and become informed leaders helping organizations and society to address gender topics.

**Grading status:** Letter grade.

**BUSI 528. Leadership Communication. 1.5 Credit.**

This course provides students opportunities to practice and develop communication skills that will help them make an impact on the job and further their careers. Students will work to improve interpersonal and presentation skills related to navigating difficult interpersonal challenges, resolving conflicts, tackling difficult discussion topics, giving and receiving feedback, communicating with respect in diverse environments, listening, and networking.

**Grading status:** Letter grade.

**BUSI 529. Intercultural Communication in the Global Workplace. 1.5 Credit.**

Developing patterns of respectful intercultural communication is an increasingly important goal for the growth of business across the globe. This class will examine interesting and problematic issues surrounding cross-cultural communication, help students understand the complexity and variety of cultures, and teach communication strategies for success in conducting business across diverse cultures.

**Grading status:** Letter grade.

**BUSI 532. Service Operations. 3 Credits.**

Studies key challenges in effective service delivery through the analysis of staffing and scheduling, customer waiting, and revenue management. Case studies illustrate examples of effective service design and delivery in various service industries including professional services, banking, health care, hospitality, and entertainment. A simulation project is used.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 532H. Service Operations. 3 Credits.**

Studies key challenges in effective service delivery through the analysis of staffing and scheduling, customer waiting, and revenue management. Case studies illustrate examples of effective service design and delivery in various service industries including professional services, banking, health care, hospitality, and entertainment. A simulation project is used.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 533. Supply Chain Management. 3 Credits.**

Analyzes the key drivers of supply chain performance including inventories, transportation, information technology, and sourcing. Studies strategies for supply chain coordination, and challenges and opportunities in global supply chains. A supply chain simulation is used.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 533H. Supply Chain Management. 3 Credits.**

Analyzes the key drivers of supply chain performance including inventories, transportation, information technology, and sourcing. Studies strategies for supply chain coordination, and challenges and opportunities in global supply chains. A supply chain simulation is used.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 534. Business Modeling with Excel. 3 Credits.**

Provides a broad scope of analytic experience across corporate functions that is beneficial in consulting environments. A student may not receive credit for this course after receiving credit for STOR 305.

**Grading status:** Letter grade.

**BUSI 536. Project Management. 1.5 Credit.**

Permission of the department. This course prepares students to take part in and lead projects effectively. The goal is to equip individuals across any career concentration rather than extend the expertise of project-management specialists. Students may not receive credit for both BUSI 536 and MBA 710.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 537. Retail Operations. 1.5 Credit.**

Permission of the department. Examines developments in retailing and operations management principles applicable to these developments. Topics: consumer behavior, demand forecasting, logistics and distribution, store execution, international retailing, internet-based retailing, performance assessment, and impact on financial performance. Students may not receive credit for both BUSI 537 and MBA 708.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 538. Sustainable Operations. 1.5 Credit.**

This course explores the link between sustainability and the operations function of a firm. The course focuses on the following activities: product and process design; manufacturing; transportation; logistics and distribution; closed-loop/after-sales operations such as recycling, remanufacturing, and reuse; supply chain management.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 539. Health Care Operations. 1.5 Credit.**

Permission of the department. Students apply principles and tools of operations management to explore improvement opportunities in the design, delivery, and management of the health care value chain. The course examines the health care operation from the perspective of operations metrics such as cost, quality, time (access), and variety/customization.

**Requisites:** Prerequisite, BUSI 403.

**Grading status:** Letter grade.

**BUSI 545. Negotiations. 1.5 Credit.**

This course enables students to develop their expertise in managing negotiations. It integrates existing theory and research with personal experiences and ideas. Using hands-on exercises, readings, and lively discussions, students build and hone their ability to understand, adapt to, and evaluate the personal, social, and situational dynamics of negotiations.

**Requisites:** Prerequisite, BUSI 405.

**Grading status:** Letter grade.

**BUSI 546. Sport Marketing and Media. 1.5 Credit.**

This course provides an in-depth analysis of the effect of marketing and media on the sport industry. Key issues include the increasing growth of television and technological advances, changing consumer demographics and behaviors, and sponsorship relations. The course will be divided into three key areas: rights holders, media, and corporate sponsorship (brands).

**Grading status:** Letter grade.

**BUSI 547. Managerial Decision Making. 1.5 Credit.**

Behavioral economics provides an understanding of how people's decisions deviate from "optimal" choices and consequences of such deviations. This course will not only discuss when individuals make decisions that deviate from the predictions of economics, but also focus on the implications of these systematic decision biases for managers and policy makers.

**Requisites:** Prerequisite, BUSI 405.

**Grading status:** Letter grade.

**BUSI 554. Consulting Skills and Frameworks. 3 Credits.**

Permission of the instructor. The course is dedicated to teaching the core skills for success in consulting and business in general: teamwork, analysis, and presentations.

**Requisites:** Pre- or corequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 554H. Consulting Skills and Frameworks. 3 Credits.**

Permission of the instructor. The course is dedicated to teaching the core skills for success in consulting and business in general: teamwork, analysis, and presentations.

**Requisites:** Pre- or corequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 555. Groups and Teams in Organizations. 1.5 Credit.**

Examines the design, management, and leadership of teams in organizational settings. Focus is on the interpersonal processes and structural characteristics that influence the effectiveness of teams, individual behavior in face-to-face interactions, and the dynamics of interpersonal relationships.

**Requisites:** Prerequisite, BUSI 405.

**Grading status:** Letter grade.

**BUSI 558. Digital Marketing. 3 Credits.**

The main concepts of marketing are identifying market opportunity (3C analysis), setting the target strategy (STP analysis) and implementation via 4P strategies. This course will discuss online consumer behavior; internet marketing strategy; online and digital advertising; social media. It will focus on strategic perspective, rather than on technical details.

**Requisites:** Prerequisite, BUSI 406.

**Grading status:** Letter grade.

**BUSI 562. Consumer Behavior. 3 Credits.**

Review of conceptual models and empirical research in consumer behavior. Topics include decision processes, social and cultural influences, information processing, and ethical issues.

**Requisites:** Prerequisite, BUSI 406.

**Grading status:** Letter grade.

**BUSI 563. Retailing and Distribution Channels. 3 Credits.**

Examines the supply chain for retail businesses and management decision making in retailing.

**Requisites:** Prerequisite, BUSI 406.

**Grading status:** Letter grade.

**BUSI 564. New Product Development. 3 Credits.**

The course concentrates on the fuzzy front end of the innovation process, focusing on tools and techniques to uncover consumer insights (needs). The design thinking process is emphasized as part of a semester-long team project. Other topics explored include creativity, intellectual property basics, prototyping, and Innovation 2.0.

**Requisites:** Prerequisite, BUSI 406.

**Grading status:** Letter grade.

**BUSI 566. Marketing Strategy. 3 Credits.**

The objective of this course is to understand and practice the strategic decision-making process in a dynamic competitive environment. The course builds on the foundations of marketing, and is based on lectures, cases, and computer simulations.

**Requisites:** Prerequisite, BUSI 406.

**Grading status:** Letter grade.

**BUSI 568. Marketing Analysis and Decision Making. 3 Credits.**

Marketing analytics is a systematic approach to harnessing these data to drive effective marketing decision making. We will learn to analyze historical data, market research data, and competitive information for making strategic marketing decisions. This course will be extensively based on case analysis and hands-on exercises.

**Requisites:** Prerequisites, BUSI 406 and 410.

**Grading status:** Letter grade.

**BUSI 572. Business Taxation. 1.5 Credit.**

Permission of the department. Required in spring semester for senior B.S.B.A.s who are admitted to the Kenan-Flagler Master of Accounting Program. Provides students with an initial understanding of the basic framework of the United States income tax system as it applies to businesses.

**Requisites:** Prerequisite, BUSI 570.

**Grading status:** Letter grade.

**BUSI 580. Investments. 3 Credits.**

A survey of investment principles and practices. Emphasis is given to the problems of security analysis and portfolio management with special attention to the investment problems of the individual investor.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 580H. Investments. 3 Credits.**

A survey of investment principles and practices. Emphasis is given to the problems of security analysis and portfolio management with special attention to the investment problems of the individual investor.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 582. Mergers and Acquisitions. 3 Credits.**

Through lectures, case studies, and guest speakers, this course will cover all aspects of mergers and acquisitions from strategy to post-merger integration with an emphasis on valuation. Related activities such as hostile takeovers, private equity deals, and international acquisitions will also be discussed.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 582H. Mergers and Acquisitions. 3 Credits.**

Through lectures, case studies, and guest speakers, this course will cover all aspects of mergers and acquisitions from strategy to post-merger integration with an emphasis on valuation. Related activities such as hostile takeovers, private equity deals, and international acquisitions will also be discussed.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 583. Applied Investment Management. 3 Credits.**

Permission of the department. Year-long course. A live, student-managed investment fund with real dollars and fiduciary responsibility to the UNC Foundation. Emphasis is on the decisions that must be made by and/or for the ultimate investor and the analytic tools and empirical evidence that can help inform such decisions.

**Requisites:** Prerequisites, BUSI 407 and 408.

**Grading status:** Letter grade.

**BUSI 583H. Applied Investment Management. 3 Credits.**

Permission of the department. Year-long course. A live, student-managed investment fund with real dollars and fiduciary responsibility to the UNC Foundation. Emphasis is on the decisions that must be made by and/or for the ultimate investor and the analytic tools and empirical evidence that can help inform such decisions.

**Requisites:** Prerequisites, BUSI 407 and 408.

**Grading status:** Letter grade.

**BUSI 584. Financial Modeling. 3 Credits.**

Skill development in constructing financial models for analyzing problems with decisions faced by financial professionals. Analyzing historical performance, forecasting free cash flows, estimating discount rates, determining terminal value, identifying other sources of value, and interpreting results in a dynamic setting.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.



**BUSI 585. Introduction to Real Estate. 3 Credits.**

An overview of residential and commercial real estate. This survey course examines 1) buying a house and constructing a portfolio of single-family rental houses, 2) commercial real estate product types, 3) amortization, cash flows, capital expenditures, cap rates, debt and equity, hurdle rates and taxes, 4) investment analysis, 5) acquisition, development, operation, and disposition, 6) real estate and contract law, and 7) the partnership negotiation process.

**Grading status:** Letter grade.

**BUSI 586. Personal Finance. 1.5 Credit.**

Introduces and broadens the concept of personal finance and increases understanding of the process of accumulating and protecting personal wealth. Students learn to identify and analyze risk and return relationships, understand investment alternatives and how strategies develop as life situations mature, and gain understanding of retirement planning and effectively transferring wealth.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 587. Investment Banking. 1.5 Credit.**

Permission of the instructor and confirmed offer of investment banking analyst internship or full-time job. This course prepares students for investment banking positions and internships. The focus of the class is on financial modeling, general knowledge of banking, and what it takes to succeed in the industry.

**Grading status:** Letter grade.

**BUSI 587H. Investment Banking. 1.5 Credit.**

Permission of the instructor and confirmed offer of investment banking analyst internship or full-time job. This course prepares students for investment banking positions and internships. The focus of the class is on financial modeling, general knowledge of banking, and what it takes to succeed in the industry.

**Grading status:** Letter grade.

**BUSI 588. Introduction to Derivative Securities and Risk Management. 1.5 Credit.**

Introduction to derivative securities instruments (options and futures) and applications in investments and corporate finance.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 588H. Introduction to Derivative Securities and Risk Management. 1.5 Credit.**

Introduction to derivative securities instruments (options and futures) and applications in investments and corporate finance.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 589. Fixed Income. 1.5 Credit.**

The course covers traditional bonds and term structure concepts as well as fixed income derivatives and interest rate modeling.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 589H. Fixed Income. 1.5 Credit.**

The course covers traditional bonds and term structure concepts as well as fixed income derivatives and interest rate modeling.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 590. Business Seminar. 3 Credits.**

Selected topics in business administration presented in seminar format with students engaged in individual and team study under the supervision of a member of the faculty.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BUSI 590H. Business Seminar. 3 Credits.**

Selected topics in business administration presented in seminar format with students engaged in individual and team study under the supervision of a member of the faculty.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BUSI 591. Behavioral Finance. 1.5 Credit.**

Completion of BUSI 409 recommended. An abundance of evidence suggests that the standard economic paradigm, "rational agents in an efficient market," does not adequately describe behavior in financial markets. This course will survey the evidence and use psychology to guide alternative theories of financial markets.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 591H. Behavioral Finance. 1.5 Credit.**

Completion of BUSI 409 recommended. An abundance of evidence suggests that the standard economic paradigm, "rational agents in an efficient market," does not adequately describe behavior in financial markets. This course will survey the evidence and use psychology to guide alternative theories of financial markets.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 592. Applied Private Equity: Real Estate. 3 Credits.**

Permission of the instructor. This course explores, at a very advanced level, all stages of the management of a real estate private equity fund: from capital formation, deal sourcing, due diligence, monitoring and adding value, and exiting of the fund's real estate holdings.

**Requisites:** Prerequisites, BUSI 408, BUSI 601 and 603.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**BUSI 593. Business Internship Project II. 3 Credits.**

Permission of the department. This course provides students with a format for reflection while performing a professional internship that enhances their ability to achieve career objectives.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 598. Alternative Investments. 1.5 Credit.**

Permission of the instructor. Open to seniors only. Exposes students to the benefits, opportunities, and risks of incorporating alternative investments into managed institutional investment portfolios, including pension funds, endowments, and foundations.

**Requisites:** Prerequisites, BUSI 408, and 580 or 588.

**Grading status:** Letter grade.

**BUSI 600. Risk Management. 1.5 Credit.**

Permission of the instructor. Open to seniors only. Develops methods for applied analysis of financial and operational risk.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.



**BUSI 601. Real Estate Finance. 1.5 Credit.**

This course will focus on the different ways to finance real property, and how different financing techniques impact the feasibility and investment benefits for equity investors.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 601H. Real Estate Finance. 1.5 Credit.**

This course will focus on the different ways to finance real property, and how different financing techniques impact the feasibility and investment benefits for equity investors.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 602. Strategic Economics. 1.5 Credit.**

This course focuses on decision making in the presence of strategic interaction. Students will apply game theory to yield insights into business decisions. Topics covered include pricing, entry, product market competition, first-mover advantage, capital budgeting, antitrust law, corporate governance, auctions, and mergers.

**Requisites:** Corequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 603. Real Estate Development. 1.5 Credit.**

This course is designed to introduce undergraduate students to the financial and economic analysis of real estate development. The course will focus on both the physical and financial dimensions of the real estate development process. The course considers multiple asset classes, and students learn to complete financial analysis of real estate development projects.

**Requisites:** Prerequisites, BUSI 408 and 585.

**Grading status:** Letter grade.

**BUSI 604. Real Estate and Capital Markets. 1.5 Credit.**

Introduces students to the capital markets for financing real estate assets. Topics include an overview of real estate as an asset class in the US economy, risk and return in real estate markets, the economics of discount and capitalization rates, the market for mortgage-backed securities (with a peek into the role that these instruments played in the recent financial crisis), and the valuation/analysis of Real Estate Investment Trusts (REITs).

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 604H. Real Estate and Capital Markets. 1.5 Credit.**

Introduces students to the capital markets for financing real estate assets. Topics include an overview of real estate as an asset class in the US economy, risk and return in real estate markets, the economics of discount and capitalization rates, the market for mortgage-backed securities (with a peek into the role that these instruments played in the recent financial crisis), and the valuation/analysis of Real Estate Investment Trusts (REITs).

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 606. Buyout Structures and Deals. 1.5 Credit.**

It improves students understanding of how private equity firms evaluate risk/reward, create value in LBO transactions, and explores the role of private equity in the financial markets and corporate boardroom. Students will develop a better understanding of the decisions private equity firms face; covering challenges in going-private and private-to-private transactions, use of leveraged finance for LBOs and dividend recapitalizations.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 607. Capital Markets: Institutions, Players, and Regulators. 1.5 Credit.**

It will cover the "plumbing" infrastructure that supports the investment management industry by providing a "nuts and bolts" examination of the interrelationships among market participants, their functions, and the rationale and mechanics of how information flows among investment entities. For students interested in a career in the investment industry.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 610. Global Environment of Business. 3 Credits.**

Issues in operating overseas, including analyses of differences in country settings, legal and economic systems, and governmental policies affecting foreign operations. Studies trade theory, country groupings, and financial issues; managing operations in foreign lands; exporting.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**BUSI 611. International Development. 3 Credits.**

Poverty is part of life for most of the world's population, with half living on less than two dollars a day. Course focuses on understanding this from a business school perspective. Looks at institutional failures that contribute to persistent poverty and the multiple roles managers can play in reducing poverty.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**BUSI 617. Global Marketing. 3 Credits.**

Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.

**Requisites:** Prerequisite, BUSI 406.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**BUSI 618. Global Financial Markets. 1.5 Credit.**

Develops the foundation for financial decisions in a global economic environment. Extends the analytical concepts and tools learned in introductory investment and corporate finance courses to multicountry/multicurrency settings. Covers three major areas: the economics of exchange rates, international money and capital markets, and international corporate finance.

**Requisites:** Prerequisite, BUSI 408.

**Grading status:** Letter grade.

**BUSI 623. Global Entrepreneurship I. 1.5 Credit.**

The course ranges from developing the creative mindset, ideation, development/manufacturing, marketing, selling, and managing. The course places heavy emphasis on doing and collaborating rather than listening passively: 1) dream: design process, 2) think: feasibility, 3) create: product development and manufacturing, and 4) tell: marketing. Restricted to GLOBE students.

**Grading status:** Letter grade.

**BUSI 624. GLOBE Entrepreneurship Immersion. 1.5 Credit.**

The immersion exposes students to the process of founding and funding new entrepreneurial ventures through direct experience with leaders in the field. It is divided between leaders who support the development of early stage entrepreneurial firms and those who capitalize these ventures in seed, venture capital, and private equity. We will be supplementing these visits with a number of events derived from Chicago Ideas Week.

**Grading status:** Letter grade.

**BUSI 650. Symposium Core Committee. 1.5-3 Credits.**

Permission of the instructor. Service on the B.S.B.A. Symposium Core Committee to plan, execute, and evaluate the annual event.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 3 total completions.

**Grading status:** Letter grade.

**BUSI 653. Applied Learning: Symposium Core Committee. 1.5 Credit.**

Permission of the department. This course is by invitation only to students who previously served on the Undergraduate Business Symposium core committee. As senior advisors, students practice the leadership, organization, delegation, communication, and teamwork skills that they learn about in their other courses.

**Repeat rules:** May be repeated for credit. 3 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 688. Applied Derivatives. 1.5 Credit.**

This seminar style course develops a set of financial tools useful for trading primary and derivative securities with the goal of obtaining specific exposures in equity, fixed income, and commodity markets. The course examines methods for managing financial price risk of positions and how hedge funds use derivatives in practice.

**Requisites:** Prerequisites, BUSI 408 and 588.

**Repeat rules:** May be repeated for credit. 3 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 688H. Applied Derivatives. 1.5 Credit.**

This seminar style course develops a set of financial tools useful for trading primary and derivative securities with the goal of obtaining specific exposures in equity, fixed income, and commodity markets. The course examines methods for managing financial price risk of positions and how hedge funds use derivatives in practice.

**Requisites:** Prerequisites, BUSI 408 and 588.

**Repeat rules:** May be repeated for credit. 3 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 691H. Honors Research Proposal. 3 Credits.**

Permission of the department. Open to senior business administration majors with a minimum 3.5 grade point average in business courses. Students learn business research techniques and develop individual proposals for business research. Successful proposals may advance to honors thesis research and writing (BUSI 692H).

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**BUSI 692H. Honors Thesis. 3 Credits.**

Permission of the department. Open to senior business majors with a minimum 3.5 grade point average in business courses. Original investigation of a topic in business and preparation of a substantive research project under the direction of a faculty advisor. Written essay and oral presentation are required.

**Requisites:** Prerequisite, BUSI 691H.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Business Administration Major, B.S.B.A.

### Contact Information

#### Kenan–Flagler Business School

Visit Program Website (<http://www.kenan-flagler.unc.edu>)

McColl Building, CB# 3490

(919) 962-3235

#### Douglas A. Shackelford, Dean

#### David Hofmann, Senior Associate Dean and Distinguished Professor

#### Wendell Gilland, Associate Dean for Undergraduate Programs

#### Undergraduate Business Help Desk

[ubhelpdesk@kenan-flagler.unc.edu](mailto:ubhelpdesk@kenan-flagler.unc.edu)

The business administration program is considered a broad-based, general management degree, and the Kenan–Flagler Business School encourages breadth in both the business curriculum and in the continuation of study in fine arts, humanities, and natural and social sciences. A second major may be possible and requires advance approval by both the undergraduate business program and the second academic unit. In all cases, undergraduate business majors are encouraged to take upper-level courses during the third and fourth years.

Admission (p. 936) to the program is required.

Students are subject to the requirements in place when they are admitted to the Kenan–Flagler Business School; consequently, the requirements described in this catalog particularly apply to students admitted to the school during the 2018–2019 academic year.

## Department Programs

### Major

- Business Administration Major, B.S.B.A. (p. 947)

### Minor

- Business Administration Minor (p. 950)

### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school>)
- Ph.D. in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school>)

## Student Learning Outcomes

Upon completion of the business administration program, students should be able to:

- Demonstrate analytic and decision-making competencies in core business disciplines
- Demonstrate effective and relevant communication skills
- Demonstrate effective management through the development of effective leadership, interpersonal, and teamwork skills

- Demonstrate global competencies as defined and developed by the school's Global Education Model

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Students are required to complete 25.5 credit hours of core business courses.

Code	Title	Hours
<b>Core Business Courses</b>		
BUSI 401	Management and Corporate Communication <sup>1</sup>	3
BUSI 403	Operations Management	3
BUSI 404	The Legal and Ethical Environment of Business	1.5
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 406	Marketing (prerequisite for marketing electives) <sup>1</sup>	3
BUSI 407	Financial Accounting and Analysis	3
BUSI 408	Corporate Finance (prerequisite for finance electives) <sup>1</sup>	3
BUSI 410	Business Analytics	3
BUSI 411	Strategic Management at the Business Level <sup>2</sup>	1.5
BUSI 412	Strategic Management in the Modern Corporation <sup>2</sup>	1.5
<b>Business Electives</b>		
Eighteen credit hours of additional business electives from at least two areas (see "Emphasis Areas" below) <sup>3</sup>		18
<b>Courses Outside the Kenan-Flagler Business School</b>		
At least five courses outside the Kenan–Flagler Business School and any additional business or nonbusiness courses needed to complete a minimum of 120 credit hours, including transfer credit, to graduate <sup>4</sup>		15
<b>Undergraduate Business Inclusive Global Leadership</b>		
Students will be required to collect points based on a set of activities: Feedback and Reflection, Attitudes and Skills, Knowledge, Business Practices, and Final Reflection. Students are encouraged to study abroad to maximize their learning experience and acquire points toward the Inclusive Global Leadership requirement. <sup>5</sup>		
Total Hours		58.5

<sup>1</sup> Recommended to be taken within the first two semesters of the program

<sup>2</sup> BUSI 411 must be taken prior to BUSI 412; BUSI 412 must be taken in last 2 semesters.

<sup>3</sup> An area core course, with an earned grade of at least a C (not C-), is a prerequisite course for any elective course in that area (e.g., BUSI 406 is a prerequisite for BUSI 501). Other restrictions may apply to certain business courses.

<sup>4</sup> Nonbusiness courses taken on a Pass/Fail basis and receiving a PS, or passing, grade may count toward the five required courses outside the Kenan–Flagler Business School.

## Emphasis Areas

Business majors are provided with the opportunity to add an optional area of emphasis to their general management degree. Areas of emphasis generally consist of a minimum of nine credit hours of elective courses. All course information for the areas of interest can be found on the program Web site.

## Transfer of Business Course Credits from Other Institutions

Without regard to a student's prospective academic major or minor at UNC–Chapel Hill, the Kenan–Flagler Business School will consider for transfer credit business administration courses that meet each of the following six criteria. No exceptions are made.

1. For upper-level courses (equivalent to those numbered 400–699 in the Kenan–Flagler undergraduate curriculum), the course was completed at
  - a. an institution accredited by AACSB International, or
  - b. a constituent four-year institution of the University of North Carolina, or
  - c. an international partner institution of Kenan–Flagler's undergraduate business program.
 All courses for the business minor must be completed at UNC Kenan–Flagler Business School. Upper-level courses completed at other institutions are not accepted for credit. For lower-level courses (BUSI 101), the business school will consider comparable courses from any accredited institution of higher education.
2. The final course grade earned was at least C (not C-) as verified by an official transcript. Courses taken Pass/Fail are ineligible.
3. A comparable course is available in the Kenan–Flagler undergraduate curriculum.
4. The course is not approved for credit in other UNC–Chapel Hill departments (i.e., no double credits).
5. The student completed the course within the past three academic years.
6. The substantive coverage of material constitutes no less than 75 percent of coverage in the comparable Kenan–Flagler course, and there is sufficient indication of individual student evaluation (i.e., no fewer than two major examinations, including a final examination).

For students who wish to transfer to UNC–Chapel Hill, preapproval of such courses is recommended. Requests for validation of course credits earned at another institution must be made no later than the end of the first semester of enrollment at UNC–Chapel Hill following completion of the course. The business school does not award transfer credits in excess of 13 credit hours total (four courses in any combination of lower- or upper-level courses).

For business majors who earn admission to Kenan–Flagler Business School, no more than three upper-level courses taken at another institution may be applied to the undergraduate business major curriculum unless earned as part of a preapproved Kenan–Flagler overseas study program. All business minor courses must be completed

at UNC Kenan-Flagler, except for BUSI 101 and if the student is studying abroad through a Kenan-Flagler program.

Transfer students who have completed a substantial number of business courses at another institution should contact the program office for more specific information related to transfer students.

To request review and validation of eligible courses, students should submit a Transfer Credit Request Form through Connect Carolina. A copy of the course syllabus must be included for all courses being evaluated. The syllabus must include the title and edition of textbook(s) as well as list explicitly the course content. If the syllabus lists only chapters covered, without a description of the chapter content, a copy of the textbook's table of contents must be included.

## Special Opportunities in the Kenan-Flagler Business School Honors in Business

The Kenan-Flagler Business School honors thesis offers motivated undergraduate business students the opportunity to work closely with an individual faculty member on a specialized research topic of the student's choice during the senior year. Undergraduate business majors with a 3.3 cumulative graduate point average and a 3.5 grade point average in business courses are invited to be considered for the opportunity to participate in this two-course program (BUSI 691H and BUSI 692H).

In the first semester (BUSI 691H), students become familiar with the mechanics, methodologies, and recent literature on topics of major interest. Each student formulates an honors thesis proposal and initiates work on the project. During the second semester (BUSI 692H), the thesis work is conducted under the supervision of a faculty advisor with expertise in the general topic's area of research.

Students who successfully complete the second-semester course (BUSI 692H) will submit to an oral examination on the thesis. Upon successful completion of the program, the student receives the bachelor of science degree with honors or highest honors, as determined by the student's committee.

## Career Services

The undergraduate business program provides career development resources and services tailored to business students, such as specialized training and professional development activities, targeted networking opportunities, function- and industry-specific career clubs and student organizations, and focused career coaching and programming. Undergraduate business students are expected to maintain an up-to-date profile on Handshake through University Career Services, which is the primary resource for all UNC-Chapel Hill students for career exploration and interest development, job/internship postings, résumé referral, on-campus interviewing, and career fairs.

As the job market remains highly competitive, the undergraduate business program strongly encourages business students to undertake internships or other experiential learning opportunities when possible. These hands-on experiences can be a valuable part of a student's career development. Also, demonstrated leadership experience along with community service and a global learning experience are some additional desirable factors that many employers seek in candidates.

## Leadership Development

The Kenan-Flagler Leadership Initiative strives to develop Kenan-Flagler students to become exceptional leaders who positively impact the organizations they lead and the communities they serve. This is accomplished through a systematic approach—integrating principles, practice, feedback, and reflection—that is grounded in leading-edge academic research and business practice. Examples of undergraduate business leadership development programming include lessons-of-experience sessions, managerial simulations, self-assessment workshops, executive coaching, student consulting projects, and student leader development.

## STAR Program

Kenan-Flagler's Student Teams Achieving Results (STAR) program fields teams of top M.B.A.s and undergraduate business students to build comprehensive and actionable strategies for eligible corporations and not-for-profits. STAR teams begin the project by developing a scope of work with the client and signing a confidentiality agreement. Over the life of the project, teams typically analyze the market, assess the competitive situation, develop a strategy, and define an action plan that covers financials, risk assessment, and implementation. STAR teams are guided throughout the course by a course professor, a team-specific faculty advisor, and client executives. Opportunities in STAR-Domestic and Global Business Projects exist.

## Student Involvement

The undergraduate business program sponsors a variety of student organizations, which include the Accounting Club, CarolinaThink, Carolina Women in Business, Consulting Club, Healthcare Club, UNC Finance Society, International Business Club, Marketing Club, Minority Business Student Alliance, Net Impact Undergraduate Club, Operations Club, Kenan-Flagler Alliance, Real Estate Club, Carolina Sport Business Club, Technology Club, and Undergraduate Business Ambassadors, as well as two business fraternities, Alpha Kappa Psi and Delta Sigma Pi. Please visit the undergraduate business program Web site for the most up-to-date information on undergraduate business student clubs and organizations.

## Global Programs

Kenan-Flagler undergraduate global programs are consistently highly ranked by students for the quality and variety of programs available. The Undergraduate Business Programs offers a portfolio of more than 40 different programs in Europe, Africa, Asia and Oceania that offer students the opportunity to earn business core and/or elective credit. Business students can develop their global perspective through participation in business semester abroad, faculty led global immersion electives (GIEs), summer study abroad, or international internships.

GLOBE® (Global Learning Opportunities in Business Education) is Kenan-Flagler's flagship global program. This study abroad program is a partnership with Chinese University of Hong Kong, Copenhagen Business School, and the University of North Carolina. Every year 18 students from each school form a cohort of 54 students that study together for a semester at each school. The GLOBE® program customizes the curriculum based on unique strengths of each region. As a result, students take courses in subjects such as global leadership and organizational behavior, business and politics in the U.S., marketing in China, and corporate response to European integration, and a capstone consulting project in the final semester of the program. These courses are GLOBE specific courses taken as a cohort. GLOBE students take other business courses during the semester to round out a full course load.



The Phillips Ambassador Scholarship program offers scholarships exclusively for study abroad in Asia. Twenty-five percent (25%) of these scholarship awards are reserved for business school students. Scholarships are awarded for semester and summer study abroad programs in Asia and range from \$5,000 to \$7,500.

## Undergraduate Awards

Each spring UNC Kenan–Flagler faculty recognizes select students for outstanding academic excellence, leadership, and community service. Beta Gamma Sigma, the national business school honorary society, inducts students each spring.

## Undergraduate Business Symposium

Since its inception in 1983, the Undergraduate Business Symposium continues to be the flagship career event for the undergraduate business program and an annual highlight for the UNC Kenan–Flagler community. It is the largest and longest-running student-organized event of its kind. Each year the event brings together more than 400 undergraduates and 120 company representatives from a diverse set of industries and organizations from across the country. The Undergraduate Business Symposium provides students with the opportunity to learn about a variety of industries and organizations, the chance to network and interact with business representatives and UNC Kenan–Flagler faculty, obtain insights into the dynamic business landscape, and the opportunity to showcase their analytical, communication, and problem-solving skills.

# Business Administration Minor

## Contact Information

### Kenan–Flagler Business School

Visit Program Website (<http://www.kenan-flagler.unc.edu>)  
McColl Building, CB# 3490  
(919) 962-3235

### Douglas A. Shackelford, Dean

### David Hofmann, Senior Associate Dean and Distinguished Professor

### Wendell Gilland, Associate Dean for Undergraduate Programs

### Undergraduate Business Help Desk

ubhelpdesk@kenan-flagler.unc.edu

The business administration minor offers solid exposure to management education. The business minor is available to students in any discipline.

Admission (p. 936) to the minor is competitive.

## Department Programs

### Major

- Business Administration Major, B.S.B.A. (p. 947)

### Minor

- Business Administration Minor (p. 950)

### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school>)

- Ph.D. in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

All business minor courses must be completed at UNC Kenan–Flagler, except for BUSI 101 and if students are studying abroad through a Kenan–Flagler Program.

Students must successfully complete four specific business core courses and a minimum of two business elective courses (4.5 credit hours) for a total of 15 credit hours. The program usually takes two or three semesters to complete.

Once admitted as business minors, students will be able to register themselves in the core courses (BUSI 403, BUSI 406, BUSI 408, and BUSI 411) through Connect Carolina. However, they will have to contact the program office to request enrollment in any business electives. Business minors can only take three additional business courses beyond the minor requirements. Any additional business courses require departmental permission.

Code	Title	Hours
<b>Prerequisite Courses</b>		
BUSI 101	Management Accounting	4
ECON 101	Introduction to Economics <sup>H</sup>	3
ENGL 105	English Composition and Rhetoric	3
	Select one of the following:	3
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	
STOR 113	Decision Models for Business and Economics	
STOR 155	Introduction to Data Models and Inference	3
Total Hours		16

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Code	Title	Hours
<b>Core Courses</b>		
BUSI 403	Operations Management	3
BUSI 406	Marketing	3
BUSI 408	Corporate Finance	3
BUSI 411	Strategic Management at the Business Level <sup>1</sup>	1.5
BUSI —	Additional BUSI courses to reach the minimum 15 credit hours	4.5
Total Hours		15



<sup>1</sup> Taking BUSI 411 no earlier than the second semester in the minor program is recommended.

See program page here (<http://www.catalog.unc.edu/undergraduate/programs-study/business-administration-major-bsba/#opportunities>) for special opportunities.

# SCHOOL OF DENTISTRY

## Contact Information

### School of Dentistry

Visit Program Website (<http://www.dentistry.unc.edu>)  
385 South Columbia St., CB# 7450  
(919) 537-3347

**Scott S. De Rossi, Dean and Professor**

## Introduction

The UNC School of Dentistry is proud to be one of few schools in the United States to offer curricula in dental hygiene, doctor of dental surgery, post-D.D.S., advanced dental education, and Ph.D. programs all under one roof. The various programs span many disciplines and offer multiple career paths. Whatever program you select, you can feel confident you are receiving a top-tier education from some of the nation's leading dental educators.

The UNC School of Dentistry is committed to excellence in dental education at all levels. Whether applicants want to apply to the school's dental hygiene program, pursue their D.D.S. degree, or enroll in the six-year oral and maxillofacial surgery residency program, the school actively invests in providing the best education possible to its students. The academic environment fosters the pursuit of knowledge in the basic, behavioral, and clinical sciences. Independent thinking and lifelong learning are encouraged through degree-granting and continuing education programs. A high standard of professional and personal ethics, as well as technical excellence, are integral to the learning experience.

The school thoroughly prepares each of its graduates for their career and sets them on a path to success. Whether students plan to enter the general practice of dentistry, the dental specialties, dental allied health fields, research, or teaching, the UNC School of Dentistry prides itself in producing some of the country's best clinicians, researchers, and academicians.

## Programs

### Doctor of Dental Surgery (D.D.S.) Program

The D.D.S. program (<https://www.dentistry.unc.edu/academicprograms/dds>) is a four-year program that provides admitted students with the skills necessary to become a general dentist at graduation.

### Dental Hygiene Programs

The dental hygiene programs are designed to educate and prepare dental hygienists for careers in a diverse and changing health care environment. Being a part of UNC School of Dentistry enables students to have a variety of experiences in clinical patient care, community dental health, and dental specialties, including geriatric dentistry, pediatric dentistry, periodontics, and research. The emphasis is on creating well-rounded dental hygiene health care professionals who will treat a variety of patients and provide leadership in the profession.

The school offers both undergraduate and graduate level education for dental hygiene students. The undergraduate program prepares students to become registered dental hygienists, while the graduate program focuses on allowing already-registered dental hygienists to begin careers in academia.

## Graduate and Advanced Dental Education

The UNC School of Dentistry is proud to offer 15 advanced dental education and graduate programs for prospective students to consider, in addition to observer externship opportunities. These programs are designed to further the knowledge of students and to provide specialty training in various fields of dentistry.

More information about the dental hygiene (<https://www.dentistry.unc.edu/academicprograms/dh>) and graduate and advanced dental education programs (<https://www.dentistry.unc.edu/academicprograms/ade>) can be found in this catalog and on the school's Web site (<http://www.dentistry.unc.edu>).

## Facilities

The UNC School of Dentistry is currently the largest dental school facility in the nation. The school has grown to include several buildings, located within a dynamic health science campus. Among the school's buildings are Tarrson Hall, a state-of-the-art clinical teaching facility, and Brauer Hall, which includes patient simulation laboratories with the latest in dental equipment. The majority of the school's research takes place in Koury Oral Health Sciences, completed in April 2012. The 216,000-square-foot facility houses a variety of classroom and lecture spaces, as well as cutting-edge research laboratories, all of which encourage collaborative research and learning experiences. The school is equipped with state-of-the-art classrooms, case study rooms, laboratory (simulation and dental material labs), clinical facilities, and Kirkland Auditorium. The UNC School of Dentistry also features an atrium with a media wall, social seating, and dining areas with a food court.

### Major

- Dental Hygiene Major, B.S. (p. 953)

### Certificate

- Certificate in Dental Hygiene (p. 955)

### Graduate Programs

- M.S. in Dental Hygiene Education (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Endodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Operative Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
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- M.S. in Periodontology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Prosthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

# Dental Hygiene Major, B.S.

## Contact Information

### School of Dentistry

Visit Program Website (<http://www.dentistry.unc.edu>)  
385 South Columbia St., CB# 7450  
(919) 537-3347

### Nikki Perkinson, Student Services

[nikki\\_perkinson@unc.edu](mailto:nikki_perkinson@unc.edu)

### Scott S. De Rossi, Dean and Professor

The dental hygienist is an educator and motivator as well as a health care provider. As a practicing member of the dental health team, the hygienist is primarily concerned with the maintenance of oral health and the prevention of dental disease. Additionally, dental hygienists may assume professional leadership roles; participate in the development, implementation, and evaluation of community health programs; engage in research activities; or serve as consultants and assume managerial roles in certain types of dental care delivery systems.

Students are subject to the academic requirements in place when they are admitted to the dental hygiene program; consequently, the requirements described in this catalog particularly apply to students admitted to the school during the 2018–2019 academic year.

All course descriptions can be found in ConnectCarolina and in the UNC School of Dentistry Academic Catalog (<http://dentistry.unc.edu>) (found at the bottom of the homepage).

## Department Programs

### Major

- Dental Hygiene Major, B.S. (p. 953)

### Certificate

- Certificate in Dental Hygiene (p. 955)

### Graduate Programs

- M.S. in Dental Hygiene Education (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Endodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Operative Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
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- M.S. in Pediatric Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Periodontology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

- M.S. in Prosthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

## Admission to the Program

Applicants may be admitted for dental hygiene study after completion of the dental hygiene prerequisites, provided they meet requirements of the University. To assure proper planning for admission, applicants should maintain close contact with the program during the application process.

Enrollment is limited, and applicants are accepted on a competitive basis. Admission to the University does not guarantee admission into the dental hygiene program. Selections are based on academic achievement with an emphasis on performance in science courses, character, knowledge of working with the dental team, and a sincere interest in dental hygiene as a professional career. For UNC–Chapel Hill students, application for admission to the program is usually made during the second year of General College study. Interested students should submit an online application, which can be accessed from ConnectCarolina.

For transfer applicants, all prerequisite dental hygiene coursework and General College courses taken at other institutions must be approved for transfer in advance by the Office of Undergraduate Admissions. Official transcripts from all schools attended (including high school) must be submitted.

Three letters of recommendation must be submitted with the application. Two of the letters should be from previous college course directors and one letter should be a character reference. In addition, applicants must shadow in a dental office for a minimum of 20 hours. This requirement may be fulfilled through prior dental assisting experience.

Prior to being admitted and enrolled, all applicants will be required to present evidence of satisfactory completion of prerequisite courses required by the major. Applicants with a previous degree should contact the Office of Undergraduate Admissions to determine fulfillment of General College requirements. Specific admission requirements on the prelicensure and graduate programs in dental hygiene can be obtained from the School of Dentistry Academic Catalog (<http://dentistry.unc.edu>).

## Student Learning Outcomes

Upon completion of the dental hygiene program, students should be able to:

- Possess the skills and knowledge needed to provide optimal dental hygiene patient care while valuing and adhering to the ethical beliefs as stated by the American Dental Hygienists' Association Code of Ethics
- Promote the values of optimal oral health as related to general health and overall wellness to all patients
- Embrace an interdisciplinary role within the health care system and assess, plan, implement, and evaluate oral health care programs and activities for diverse population groups while facilitating access to care and services
- Assess, plan, implement, and evaluate treatment in the promotion of oral and systemic health using an evidence-based approach
- Value the dental hygiene profession through career growth and development and commitment to lifelong learning

## Requirements

All baccalaureate-seeking dental hygiene students must fulfill the General Education (p. 27) requirements. In addition to completing ENGL 105,

a foreign language through level 3, a quantitative reasoning course (STOR 151 recommended), and a lifetime fitness course, dental hygiene students must fulfill the Approaches requirements and successfully complete at least five Connections courses, including global issues, experiential education, and U.S. diversity. Other specific requirements include the following courses:

Course	Title	Hours
BIOC 107 or CHEM 101 & 101L	Introduction to Biochemistry <sup>1</sup> General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
BIOC 108 or CHEM 102 & 102L	Introduction to Biochemistry General Descriptive Chemistry II and Quantitative Chemistry Laboratory II	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory	4
Select one of the following:		3
COMM 100	Communication and Social Process	
COMM 113	Public Speaking <sup>2</sup>	
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
MCRO 251	Introductory Medical Microbiology	4
PSYC 101	General Psychology <sup>3</sup>	3
SOCI 101 or SOCI 111	Sociological Perspectives <sup>4, H</sup> Human Societies	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> CHEM 101/CHEM 101L satisfies the physical and life sciences with laboratory Approaches requirement.

<sup>2</sup> COMM 113 satisfies the communication intensive Connections requirement.

<sup>3</sup> PSYC 101 satisfies the physical and life sciences Approaches requirement.

<sup>4</sup> Both courses satisfy the social and behavioral sciences Approaches requirement.

## Dental Hygiene Professional School Program

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
CBPH 741	Introduction to Human Anatomy	3
DHYG 241	Nutrition	2
DHYG 252	Dental Radiology	3
DHYG 253	Dental Anatomy	2
DHYG 257	Introduction to Dental Hygiene	2
DHYG 257L	Preclinical Dental Hygiene	3
Hours		15
<b>Spring Semester</b>		
DHYG 261	Dental Pharmacology	2
DHYG 262	Dental Health Education	2
DHYG 263	Periodontology	2
DHYG 264	Histology	1

DHYG 265	Dental Materials	3
DHYG 267	Dental Hygiene Theory	3
DHYG 267L	Clinical Dental Hygiene	3
DHYG 414	Radiographic Interpretation	1
Hours		17
<b>Second Year</b>		
<b>Fall Semester</b>		
DHYG 351	General and Oral Pathology	3
DHYG 352	Community Dental Health	3
DHYG 357	Clinical Dental Hygiene	5
DHYG 401	Oral Microbiology	2
DHYG 402	Special Care in Dentistry	2
DHYG 403	Current Concepts in Periodontics	2
Hours		17
<b>Spring Semester</b>		
DHYG 362	Community Dental Health Internship	1
DHYG 363	Dental Ethics and Jurisprudence	1
DHYG 367	Clinical Dental Hygiene	4
DHYG 393	Dental Hygiene Specialty Practicum	5
Dental hygiene elective (one to two hours) chosen from:		1-2
DHYG 390	Current Topics in Dental Hygiene	
DHYG 411	Death and Dying During Life's Experience	
DHYG 415	Advanced Clinical Dental Hygiene	
DHYG 417	Introduction to Dental Office Management	
DHYG 421	INTRO TO CLIN TEACH	
DHYG 422	Dental Hygiene Service Learning	
DHYG 423	Community-Based Dental Hygiene Service Learning	
DHYG 495	Research Methodology	
Hours		12-13
Total Hours		61-62

In addition to the program requirements listed above, students must attain a final cumulative GPA of at least 2.0. For more information, please consult the degree requirements section of the catalog (p. 100).

## Additional Information for the Dental Hygiene Programs

Upon provisional acceptance into the dental hygiene program, all students must provide an acceptable criminal background check and provide documentation of required immunizations, as well as varicella vaccination series (two shots) or a positive quantitative titer; Hepatitis B vaccination series (three shots) and a positive Hepatitis B antibody (HBsAb) quantitative titer; and the Two-Step Tuberculosis Skin Test (TST) or a QuantiFERON-TB Gold blood test. Specific information is provided in the School of Dentistry Academic Catalog (<http://www.dentistry.unc.edu>).

One of the consequences of the delivery of health care is the possibility of contracting infectious disease such as tuberculosis, hepatitis, herpes, or HIV or herpes. To minimize this risk, the UNC School of Dentistry has adopted an Infection Control Policy that requires the wearing of a clinical overgarment, disposable gloves, a mask and protective safety eye covering when oral examinations and dental hygiene services are being performed.

Dental school fees are required that include instrument rental and other supplies needed for clinical care and the education of patients. Additional costs may occur for projects required in the curriculum.

## Special Opportunities in Dental Hygiene Departmental Involvement

Students are eligible to become members of the student American Dental Hygienists' Association, American Dental Education Association, American Association of Dental Research, American Association of Public Health Dentistry, and other specialty organizations. Student membership fees may be required.

## Experiential Education

Students have the opportunity to participate in community-based clinical experiences as well as providing oral hygiene programs in the community. Service-learning opportunities are possible as an elective. Each semester students will be involved with hands-on experiences providing dental hygiene services. During the final semester of dental hygiene, students will participate in a three-week practicum. Due to the location of community sites, undergraduate students may need access to transportation. Expenses for travel are the responsibility of the student.

## Licensure

Certificate and baccalaureate degree graduates are eligible for dental hygiene licensure examinations at the state and national levels. Candidates must pass both the national and clinical board examinations in order to be granted a license to practice dental hygiene. Additional costs are associated with the examinations required for licensure. Some dental hygiene licensure examinations require background checks with fingerprint analysis.

## Accreditation

The dental hygiene program's accreditation status is approval without reporting requirements as determined by the Commission on Dental Accreditation.

## Undergraduate Awards

Dental hygiene students are eligible for awards through the Spurgeon Dental Society in the School of Dentistry and the Dental Foundation of North Carolina. In addition, student awards are also available through the American Dental Hygienists' Association, American Association of Public Health Dentistry, American Dental Education Association, and other specialty organizations.

## Undergraduate Research

Research opportunities are available at the undergraduate level for dental hygiene students. Students are encouraged to become involved in research activities pertaining to dental hygiene and dentistry. Student research grants are available through the University, professional organizations, and private industry.

## Graduate School and Career Opportunities

Upon satisfactory completion of the baccalaureate program, students are eligible for application to graduate programs in dental hygiene education, public health, and other areas. The UNC School of Dentistry offers a master of science (M.S.) graduate degree program in dental hygiene education to which graduates of the dental hygiene program may apply. Graduates also are eligible to apply for admission to the school's predoctoral dental curriculum provided they successfully complete the required program prerequisites.

The growth of the dental health care field assures an excellent employment outlook for the coming years. Courses of study provide comprehensive educational experience to qualified individuals for the practice of dental hygiene in accordance with the current and changing demands for health services and in accordance with the laws and ethics pertaining to practice.

## Program Faculty

Shannon Mitchell, *Program Director (Undergraduate Students)*

Jennifer Brame, *Program Director (Graduate Students)*

Roland Arnold, Jennifer Brame, Alice Curran, Jennifer Harmon, Lynne Hunt, Elizabeth Kornegay, Linda Levitch, Sally Mauriello, Lattice Sams, Li Chin, Kate Ciarrocca.

## Clinic Adjuncts

Judy Adkins, Jessica Barlow, Susan Buchenberger, Kayleigh Bullard, Stacy McCauley, Catherine Seifert, Nancy St. Onge, Sommer Wisher.

## Certificate in Dental Hygiene

### Contact Information

#### School of Dentistry

Visit Program Website (<http://www.dentistry.unc.edu>)

385 South Columbia St., CB# 7450

(919) 537-3347

#### Nikki Perkinson, Student Services

[nikki\\_perkinson@unc.edu](mailto:nikki_perkinson@unc.edu)

#### Scott S. De Rossi, Dean and Professor

The dental hygienist is an educator and motivator as well as a health care provider. As a practicing member of the dental health team, the hygienist is primarily concerned with the maintenance of oral health and the prevention of dental disease. Additionally, dental hygienists may assume professional leadership roles; participate in the development, implementation, and evaluation of community health programs; engage in research activities; or serve as consultants and assume managerial roles in certain types of dental care delivery systems.

Students are subject to the academic requirements in place when they are admitted to the dental hygiene program; consequently, the requirements described in this catalog particularly apply to students admitted to the school during the 2018–2019 academic year.

All course descriptions can be found in ConnectCarolina and in the UNC School of Dentistry Academic Catalog (see the school Web site (<http://www.dentistry.unc.edu>)).

## Department Programs

### Major

- Dental Hygiene Major, B.S. (p. 953)

### Certificate

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### Graduate Programs



- M.S. in Dental Hygiene Education (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
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- M.S. in Operative Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Radiology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Orthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
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- M.S. in Prosthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

## Admission to the Program

Applicants may be admitted for dental hygiene study after completion of the dental hygiene prerequisites, provided they meet requirements of the University. To assure proper planning for admission, applicants should maintain close contact with the program during the application process.

Enrollment is limited, and applicants are accepted on a competitive basis. Admission to the University does not guarantee admission into the dental hygiene program. Selections are based on academic achievement with an emphasis on performance in science courses, character, knowledge of working with the dental team, and a sincere interest in dental hygiene as a professional career. For UNC–Chapel Hill students, application for admission to the program is usually made during the second year of General College study. Interested students should submit an online application, which can be accessed from ConnectCarolina.

For transfer applicants, all prerequisite dental hygiene coursework and General College courses taken at other institutions must be approved for transfer in advance by the Office of Undergraduate Admissions. Official transcripts from all schools attended (including high school) must be submitted.

Three letters of recommendation must be submitted with the application. Two of the letters should be from previous college course directors and one letter, a character reference. In addition, applicants must shadow in a dental office for a minimum of 20 hours. This requirement may be fulfilled through prior dental assisting experience.

Prior to being admitted and enrolled, all applicants will be required to present evidence of satisfactory completion of prerequisite courses required by the major. Applicants with a previous degree should contact the Office of Undergraduate Admissions to determine fulfillment of General College requirements. Specific admission requirements on the preclosure and graduate programs in dental hygiene can be obtained from the School of Dentistry Academic Catalog (<http://dentistry.unc.edu>).

## Requirements

Applicants interested in the certificate program in dental hygiene may be admitted to the program without junior standing after completion of:

Code	Title	Hours
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory	4
CHEM 101 & 101L & CHEM 102 & CHEM 102L or BIOC 107 & BIOC 108	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I and General Descriptive Chemistry II and Quantitative Chemistry Laboratory II Introduction to Biochemistry and Introduction to Biochemistry	8
Select one of the following:		3
COMM 100	Communication and Social Process	
COMM 113	Public Speaking	
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
ENGL 105	English Composition and Rhetoric	3
MCRO 251	Introductory Medical Microbiology	4
PSYC 101	General Psychology	3
SOCI 101 or SOCI 111	Sociological Perspectives <sup>H</sup> Human Societies	3
Total Hours		28

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

After completion of the basic professional program, a certificate in dental hygiene is awarded. Enrollment to complete the baccalaureate degree requirements is an option for the student with a certificate or equivalent credential in dental hygiene.

## Additional Information for the Dental Hygiene Programs

Upon provisional acceptance into the dental hygiene program, all students must provide an acceptable criminal background check and provide documentation of required immunizations, as well as varicella vaccination series (two shots) or a positive quantitative titer; Hepatitis B vaccination series (three shots) and a positive Hepatitis B antibody (HBsAb) quantitative titer; and the Two-Step Tuberculosis Skin Test (TST) or a QuantiFERON-TB Gold blood test. Specific information is provided in the School of Dentistry Academic Catalog (<http://www.dentistry.unc.edu>).

One of the consequences of the delivery of health care is the possibility of contracting infectious disease such as tuberculosis, hepatitis, herpes, or HIV. To minimize this risk, the UNC School of Dentistry has adopted an Infection Control Policy that requires the wearing of a clinical overgarment, disposable gloves, a mask and protective safety eye covering when oral examinations and dental hygiene services are being performed.

Dental school fees are required that include instrument rental and other supplies needed for clinical care and the education of patients. Additional costs may occur for projects required in the curriculum.

See the program page for special opportunities (p. 955).

See the program page here (p. 955) for special opportunities.

## **Program Faculty**

Shannon Mitchell, *Program Director (Undergraduate Students)*

Jennifer Brame, *Program Director (Graduate Students)*

Roland Arnold, Jennifer Brame, Alice Curran, Jennifer Harmon, Lynne Hunt, Elizabeth Kornegay, Linda Levitch, Sally Mauriello, Lattice Sams, Li Chen, Kate Ciarocca.

## **Clinic Adjuncts**

Judy Adkins, Jessica Barlow, Susan Buchenberger, Kayleigh Bullard, Stacy McCauley, Catherine Seifert, Nancy St. Onge, Sommer Wisher.

# SCHOOL OF EDUCATION

## Contact Information

### School of Education

Visit Program Website (<http://soe.unc.edu>)  
Peabody Hall, CB# 3500  
(919) 966-1346

### Fouad Abd-El-Khalick, Dean

### Jeff Greene, Interim Associate Dean for Academic Affairs and Director of Graduate Studies

[jagreene@email.unc.edu](mailto:jagreene@email.unc.edu)

### Jill Hamm, Associate Dean for Research and Faculty Development

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### Anne Bryan, Assistant Dean for Student Affairs

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### David Churchill, Assistant Dean for Finance and Operations

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### Leslie Deslis, Assistant Dean for Development

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### Audrey Fulton, Director of Advising and Undergraduate Student Engagement

[abfulton@email.unc.edu](mailto:abfulton@email.unc.edu)

## Introduction

The School of Education is committed to the preparation of candidates who can assume leadership roles in the field of education. Such preparation is accomplished through the coherent integration of the abilities and predispositions of candidates, the knowledge and abilities of faculty members, and the contextual elements of academic and field settings. The growth and development of candidates is promoted through curriculum, instruction, research, field experiences, clinical practice, assessments, evaluations, and interactions with faculty members and peers. All of these elements work together to build a solid foundation for exemplary practices in education.

## Programs of Study

Students are subject to the requirements in place when they are admitted to the School of Education; consequently, the requirements for approved programs described in this catalog particularly apply to students admitted to the school during the 2018–2019 academic year.

## Advising

To best facilitate completion of all degree requirements students are strongly encouraged to meet with an academic advisor every semester.

The School of Education's director of advising, Audrey Fulton, meets with students who are interested in or admitted to any of the SOE's undergraduate programs. Students interested in making an advising appointment can contact Ms. Fulton ([abfulton@email.unc.edu](mailto:abfulton@email.unc.edu)). Based

on a student's academic program, he or she may also need to continue to meet with an advisor in the College of Arts and Sciences.

## Admission to the School of Education Human Development and Family Studies

Admission to the human development and family studies major (p. 967) is offered every semester. Admission is based on, but not limited to, a 2.5 grade point average, good academic standing, expressed interest in the helping professions, and space available. For more information, please visit the School of Education Web site (<http://soe.unc.edu/hdfs>).

## Education Minor

The undergraduate minor in education is appropriate for undergraduate students interested in furthering their knowledge of education as a means of career development or to enhance their understanding of current schooling, community, and policy directions.

To declare a minor in education, you must see an advisor by appointment. During the declaration appointment, your advisor will review with you the requirements for the minor. If it is feasible for you to complete the minor within the eight-semester limit, you and your advisor will complete a declaration form to get you declared.

For more information, please visit the School of Education Web site (<http://soe.unc.edu/academics/education-minor>).

## UNC Baccalaureate Education in Science and Teaching (UNC-BEST)

UNC-BEST is a collaboration between the School of Education and the College of Arts and Sciences (<http://college.unc.edu>). This innovative program offers undergraduate science and mathematics majors the opportunity to complete requirements for a bachelor of arts or bachelor of science and obtain licensure as a secondary science or mathematics teacher in North Carolina in four years. Students will be prepared for N.C. licensure in either mathematics (9–12) or comprehensive science (9–12).

### UNC-BEST Admissions Requirements

- Math or science (biology, chemistry, geological sciences, and physics) major
- Minimum 2.7 GPA
- SAT or ACT score requirements\*  
*SAT: Math–550, Reading–550, 1100 Combined*  
*ACT: Math 24, English–24, 24 Composite*
- Completion of online application

\*Applicants who do not meet the minimum SAT and ACT score requirements can take the Praxis Core Academic Skills for Educators: Score–468 Composite; Reading–156/Writing–162; Math–150

## K-12 Music Education

K-12 Music Education is a collaboration between the School of Education and the Department of Music. This program offers undergraduate bachelor of music (B.M.) students the opportunity to complete requirements for a bachelor of music and obtain licensure as a K–12 music teacher in North Carolina in four years. Students will be prepared for N.C. licensure in teaching music at the K–12 grade level.

### Music Education Admissions Requirements

- Music major

- Minimum 3.0 GPA
- SAT or ACT score requirements\*  
*SAT: Math–550, Reading–550, 1100 Combined*  
*ACT: Math–24, English–24, 24 Composite*
- Online application which includes:
  - Personal statement (500–750 words describing your interest in teaching, pertinent background experiences, and relevant aspirations)
  - 2 letters of recommendation (one letter must be from a UNC instructor)
  - Resume

\*Applicants who do not meet the minimum SAT and ACT score requirements can take the Praxis Core Academic Skills for Educators: Score–468 Composite; Reading–156/Writing–162; Math–150

### Pre-M.A.T. (Early Affiliation to the Master of Arts in Teaching)

The Pre-M.A.T. is an opportunity for UNC–Chapel Hill undergraduates to engage with select M.A.T. coursework, faculty, and staff in order to pre-plan their intended entry into the Master of Arts in Teaching (M.A.T.) upon graduation. While joining the Pre-M.A.T. is not a requirement to be considered for admission to the M.A.T., there are many benefits of joining, which include:

- M.A.T. prerequisite advising/course planning with a School of Education advisor
- Access to select M.A.T. courses as an undergraduate, which may reduce M.A.T. tuition costs, if the student is admitted
- Opportunity to get to know M.A.T. faculty and current students
- Undergraduate student engagement opportunities related to teaching and learning

Students interested in more information or applying to become a Pre-M.A.T. "early affiliate" can email the School of Education's director of advising and undergraduate student engagement, Audrey Fulton (abfulton@email.unc.edu).

#### Major

- Human Development and Family Studies, B.A.Ed. (p. 967)

#### Minor

- Education Minor (p. 969)

## Establishing Licensure

At UNC, two undergraduate pathways for coursework prepare students for N.C. teacher licensure: UNC–BEST and K–12 Music Education. While the School of Education does not offer an undergraduate major that leads to N.C. teacher licensure, UNC students have the opportunity to engage with select master of arts in teaching (M.A.T.) coursework, faculty and staff in order to pre-plan their intended entry into the M.A.T. upon graduation. Information on the Pre-M.A.T. can be found here (<http://catalog.unc.edu/undergraduate/schools-college/education/#admissiontext>) or by contacting the School of Education's director of advising and undergraduate student engagement, Audrey Fulton (abfulton@email.unc.edu).

North Carolina licensure requirements are distinct from the School of Education's degree requirements. Applications for North Carolina licensure must be submitted through the N.C. Department of Public

Instruction's online licensure system by the graduate seeking licensure. Forms are no longer submitted by the UNC School of Education licensure officer. The UNC School of Education licensure reviews and either approves or denies all licensure applications routed to UNC through the N.C. Department of Public Instruction online licensure system. More information about applying for N.C. licensure is available on the School of Education Web site ([http://soe.unc.edu/services/student\\_affairs/licensure](http://soe.unc.edu/services/student_affairs/licensure)).

The programs described in this catalog are approved by the N.C. Department of Public Instruction, the State Board of Education, and the National Council for the Accreditation of Teacher Education (now the Council for the Accreditation of Educator Preparation).

## UNC Baccalaureate Education in Science and Teaching (UNC–BEST)

UNC–BEST is a collaboration between the School of Education and the College of Arts and Sciences (<http://college.unc.edu>). This innovative program offers undergraduate science and mathematics majors the opportunity to complete requirements for a bachelor of arts or bachelor of science and obtain licensure as a secondary science or mathematics teacher in North Carolina. Students will be prepared for N.C. licensure in either mathematics (9–12) or comprehensive science (9–12).

UNC–BEST students are enrolled in their respective major in the College of Arts and Sciences and, once accepted into the UNC–BEST program, complete the requirements to earn North Carolina teaching licensure.

To be recommended for N.C. licensure, UNC–BEST students must complete Praxis testing appropriate to their content area. More information about the testing requirements is available on the School of Education testing Web site ([http://soe.unc.edu/services/student\\_affairs/licensure/praxis\\_tests.php](http://soe.unc.edu/services/student_affairs/licensure/praxis_tests.php)).

### Program Requirements

Code	Title	Hours
Select one of the following Teaching Methods courses in the major: 4		
BIOL 410	Principles and Methods of Teaching Biology	
CHEM 410	Instructional Methods in the Chemistry Classroom	
GEOL 412	Principles and Methods of Teaching Earth Science	
MATH 410	Teaching and Learning Mathematics	
PHYS 410	Teaching and Learning Physics	
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching (UNC–BEST Teaching Internship)	12
EDUC 601	Education Workshops	1
Total Hours		26

## K–12 Music Education

K–12 music education is a collaboration between the School of Education and the Department of Music. This program offers undergraduate bachelor of music (B.M.) students the opportunity to complete requirements for a bachelor of music and obtain licensure as

a K–12 music teacher in North Carolina in four years. Students will be prepared for N.C. licensure in teaching music at the K–12 grade level.

To be recommended for N.C. licensure, K–12 music education students must complete Praxis testing appropriate to their content area. More information about the testing requirements is available on the School of Education testing Web site ([http://soe.unc.edu/services/student\\_affairs/licensure/praxis\\_tests.php](http://soe.unc.edu/services/student_affairs/licensure/praxis_tests.php)).

## Program Requirements

Code	Title	Hours
<b>Education Courses</b>		
EDUC 689	Foundations of Special Education (may substitute EDUC 516)	3
EDUC 532	Introduction to Development and Learning (may substitute EDUC 403)	3
EDUC 615	Schools and Community Collaboration (may substitute EDUC 533)	3
EDUC 593	Internship/Student Teaching (Music Education)	12
EDUC 601	Education Workshops (must be completed in Fall & Spring of last year, 1 credit hour each)	2
<b>Music Courses</b>		
MUSC 168	Basic Conducting	3
MUSC 226	Woodwinds, Brass, Percussion, and Strings Techniques	3
MUSC 227	Keyboard, Vocal, and Elementary Music Techniques	3
MUSC 228	Principles of Teaching Music	3
MUSC 309	Advanced Lessons in Conducting	3
Total Hours		38

## Professors

Fouad Abd-El-Khalick, Patrick Akos, Kathleen Brown, Gregory Cizek, Lora Cohen-Vogel, Fenwick English, Susan Friel, John Galassi, Jill Hamm, Sherick Hughes, Catherine Marshall, Eileen Parsons, Xue Lan Rong, Keith Sawyer, Rune Simeonsson, Lynda Stone.

## Associate Professors

Harriet Able, Janice Anderson, Cheryl Mason Bolick, Thurston (Thad) Domina, Nianbo Dong, Jocelyn Glazier, Jeff Greene, Dana Griffin, Peter Halpin, Eric Houck, Steve Knotek, Roger Mills-Koonce, Rebecca New, Rita O'Sullivan, Matthew Springer, James Trier.

## Assistant Professors

Matthew Bernacki, Juan Carrillo, Brian Gibbs, Ayesha Hashim, Marisa Marraccini, Robert Martinez Jr., Kelly Ryoo.

## Professors of the Practice

Pat Ashley, Ann McColl, Neil Pedersen.

## Research Professors

Donald Bailey, Virginia M. Buysse, David Cooper, Martha Cox, Karen Erickson, Peter Ornstein, Malbert Smith, A. Jackson Stenner, Carl Swartz, Ann Turnbull, Rutherford (Rud) Turnbull, Pamela Winton.

## Research Associate Professors

Kristen Kainz, Kelly Maxwell, Desiree Murray, Ellen Peisner-Feinberg, Sharon Ritchie.

## Research Assistant Professor

Kara Hume, Jacqui McLaughlin.

## Clinical Professors

Deborah Eaker-Rich, Suzanne Gullede, Stephen Hooper.

## Clinical Associate Professors

Leslie Babinski, Jennifer Coble, Lisa Dawley, Jennifer Diliberto-Fender, Sandra Evarrs, Helyne Frederick, Daniel Huff, Laura Klinger, Jeannie Loeb, Sharon Palsha.

## Clinical Assistant Professors

Sibby Anderson-Thompkins, Clinton Bolton, Todd Boyette, Johnavae Campbell, Melissa DeRosier, Samantha DeVilbiss, Peter Duquette, Lori Edmonds, Amy Gauthier, Abigail Hoffman, Martinette Horner, Derrick Jordan, Alison LaGarry, Alvera Lesane, Diana Lys, Deborah Manzo, Julie Marks, Priscilla Maynor, Cayce McCamish, Denise Morton, Kristin Papoi, Justin Parker, Stacey Parker, Robert Pleasants, Christopher Scott, Holly Sopko, Eric Sparks, Miranda Thomas, Julie Vandiver, Meghan Walter, Caryn Ward, Anne Wheeler, Lynn Williford, Susan Wynn.

## Clinical Instructors

Kathryn Bartholomew, Robin Blanton, Katie Cartmell, Christy Clemons, Winston Crisp, Jess Evans, Jeffrey Fuchs, Jacquelyn Gist, Carmen Gonzalez, Suzanne Harbour, Thomas Hardiman, James LoFrese, Mary Faith Mount-Cors, Ion Outterbridge, Candice Powell, Jeff Sackaroff, Bettina Shuford, Tamara Taylor, Jason VanHeukelman, Audrey Walker.

## Adjunct Assistant Professors

Kengie Bass, Francemise Kingsberry, Mollie Lloyd, Alex Tabori, Megan Vinh.

## Adjunct Instructors

Nicole Cobb, Christy Dunston, Laura Ketola, Kate Kryder, Bobby Kunstman, Sharon Levine, Krista Prince.

## Professors Emeriti

Richard Brice, Linda Brooks, Duane Brown, Frank Brown, William I. Burke, Richard Coop, James Cunningham, Barbara Day, Jill Fitzgerald, R. Sterling Hennis Jr., Paul B. Hounshell, Richard C. Hunter, Bobbie Boyd Lubker, William Malloy, William S. Palmer, Richard C. Phillips, Walter Pryzwansky, Dixie Lee Spiegel, Donald J. Stedman, Gary Stuck, Alan Tom, Neal H. Tracy, Gerald Unks, Ronald Wiegerink, Kinnard P. White, Ralph E. Wileman Jr.



## EDUC—Education

### Undergraduate-level

#### **EDUC 65. First-Year Seminar: School Daze: What's School Got to do with Getting an Education?. 3 Credits.**

This seminar explores the concepts of schooling and education. Students will be challenged to reconsider their experiences and notions about pre-K through 12 schooling and to examine alternatives.

**Grading status:** Letter grade.

#### **EDUC 89. First-Year Seminar: Special Topics. 3 Credits.**

Course content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

#### **EDUC 121. Tutoring in the Schools I. 2 Credits.**

Provides a basic introduction to teaching and education. This course consists of a seminar based with field placements in different levels of schools.

**Grading status:** Letter grade.

#### **EDUC 122. Tutoring in the Schools II. 1 Credit.**

Combines tutoring training with a field placement for tutoring in literacy and mathematics in grades kindergarten through three.

**Grading status:** Letter grade.

#### **EDUC 130. Navigating the Research University. 1 Credit.**

This course will provide students with knowledge to succeed at a research university. Students will consider what it means to have a liberal arts education and will learn about motivation, resiliency, and self-advocacy. Students will reflect on their current work toward academic success and their path to graduation.

**Grading status:** Letter grade.

#### **EDUC 131. Career Exploration. 1 Credit.**

Provides students an opportunity for exploration of career choices.

**Grading status:** Pass/Fail.

#### **EDUC 132. Career Planning. 1 Credit.**

This course is designed for juniors and seniors who are preparing to embark on their post-Carolina job search. Students will learn how to develop the necessary tools and skills required to execute an effective job search.

**Grading status:** Pass/Fail.

#### **EDUC 181. Introduction to Human Development and Family Studies. 3 Credits.**

Introduces students to theories and major research areas in human development and family studies while connecting this theory and research to careers in the helping professions. Students shadow a professional in a field of their choice.

**Grading status:** Letter grade.

#### **EDUC 190. Special Topics in Education. 1-3 Credits.**

This course provides students the opportunity for introductory exploration and discussion of selected topics in education.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 15 total credits. 5 total completions.

**Grading status:** Letter grade.

#### **EDUC 221. Tutoring in the Schools III. 1 Credit.**

Combines tutoring training with a field placement for tutoring in literacy and mathematics in grades four through eight.

**Grading status:** Letter grade.

#### **EDUC 222. Tutoring in the Schools IV. 1 Credit.**

Focuses on the relationship among arts, creativity, and education.

**Grading status:** Letter grade.

#### **EDUC 231. Thrive@Carolina and Beyond. 3 Credits.**

Learn about the science of thriving and strengths-based strategies for young adult development. The course will bridge contemporary literature on positive psychology (e.g., hope, optimism), developmental assets, resiliency, cultural competence, engagement/connectedness, positive youth development, and more. In particular, learn and work on thriving as a student at UNC-Chapel Hill.

**Gen Ed:** SS, CI.

**Grading status:** Letter grade.

#### **EDUC 250. Risk and Resiliency: Challenges and Opportunities in Education. 4 Credits.**

Explores factors that put children at risk for educational failure and interventions to increase resiliency. Service and learning experiences in educational and community agencies are integral to the course.

**Grading status:** Letter grade.

#### **EDUC 301. Junior Transfer Seminar - Thriving in Transition. 3 Credits.**

Course challenges students to think critically about educational issues as they transition to a research university. Through readings, videos and activities, students explore the value of higher education, the development of intelligence, and the role of habit and happiness in college success. Students also conduct and present original qualitative research.

**Gen Ed:** SS, EE- Field Work.

**Grading status:** Letter grade.

#### **EDUC 309. An Examination of Quality and the Pursuit of Betterness. 3 Credits.**

A three-credit seminar on leadership styles, philosophies, and issues related to leadership. Each class will overlap these concepts (topical or theory/practice, service, and self-awareness.)

**Grading status:** Letter grade.

#### **EDUC 316. Advanced Leadership Development Seminar. 3 Credits.**

This is a three-credit course with a focus on delving deeper into issues relevant to leadership and education. This course is open to seniors, juniors, and sophomores with student organization experience and an interest in an advanced exploration of leadership.

**Grading status:** Letter grade.

#### **EDUC 317. Dynamics of Effective Leadership. 1 Credit.**

The course is intended to provide an introduction to leadership theory, a forum for reflection upon personal strengths and contributions to leadership, and an opportunity to explore the nature of working in teams and groups.

**Grading status:** Pass/Fail.

#### **EDUC 318. Peer Leadership in the University Environment. 2 Credits.**

This course revolves around and centers on the Relational Leadership Model which defines leadership as the relational and ethical process of people together attempting to accomplish positive change.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

#### **EDUC 330. The Science of Learning. 3 Credits.**

Students study several facets of learning in the modern world, and investigate what scholarship in cognitive psychology, educational psychology, and the learning sciences can do to help us maximize that learning.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 387. Peer Tutoring. 3 Credits.**

Peer Tutoring is an APPLES service-learning course that provides undergraduates the opportunity to serve fellow students through tutoring. Tutors must have an overall GPA of 3.0 or higher.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**EDUC 390. Special Topics in Education. 3 Credits.**

This course provides students the opportunity for intensive exploration and discussion of selected topics in education.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level****EDUC 400. Autism in Our Communities: An Interdisciplinary Perspective. 3 Credits.**

Students have 30 hours of service-learning with individuals with autism at community partner sites. Class discussions introduce students to diverse topics related to autism spectrum disorder. This is an APPLES course.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade

**Same as:** SPHS 400.

**EDUC 401. Introduction to Early Childhood Development: Birth to Eight. 3 Credits.**

This course examines the field of child development as it contributes to the teaching and learning of children in early childhood and elementary educational settings, ages birth to eight.

**Grading status:** Letter grade.

**EDUC 402. Models of Early Childhood Service Delivery. 3 Credits.**

This seminar serves as an introduction to the field of child development and early childhood education and special education. Students learn about the primary professional disciplines and agencies serving young children and their families. Current policy, recommended practices, and research innovations are reviewed.

**Grading status:** Letter grade.

**EDUC 403. Families, Schools, and Community Services. 3 Credits.**

This course examines issues of diversity among and across families, in order to better prepare students for human service fields in a variety of settings such as clinics, schools, advocacy, and other organizations.

**Grading status:** Letter grade.

**EDUC 404. Infant/Toddler Assessment and Intervention. 3 Credits.**

Restricted to majors. Permission of the instructor for nonmajors. Provides students with knowledge of program models and curricula/intervention strategies for working with infants and toddlers with and without disabilities. Information is provided regarding identification and assessment strategies for infants, toddlers, and two-year-olds. Program models for working with families are emphasized.

**Requisites:** Prerequisite, EDUC 401.

**Grading status:** Letter grade.

**EDUC 405. Parenting and Family Life Education. 3 Credits.**

This course is a lifespan approach to parent-child relationships and implications for enhancing the well-being of families. A major focus will be on research and theory regarding parenting during the different stages of the lifespan.

**Grading status:** Letter grade.

**EDUC 408. Research Methods in Human Development. 3 Credits.**

An introductory examination of human development and family research methods designed to provide an understanding of scientific inquiry, methodology, measurement, test construction, scaling, and statistical terms and techniques.

**Grading status:** Letter grade.

**EDUC 410. Promotive Youth Services in Community and School Environments. 3 Credits.**

This course is an exploration of the research and theory about programs that promote youth development and prevent youth problems in the central contexts where youth function (i.e., home, school, outside of school activities, sports, peer networks, etc.). Career options (e.g., social work, law enforcement, teaching, and community outreach work) will also be explored in real life work settings.

**Grading status:** Letter grade.

**EDUC 413. Language and Literacy Learning. 3 Credits.**

Permission of the instructor for nonmajors. This course covers the theoretical and developmental aspects of language and literacy processes and practices. The course will cover reading, writing, speaking, listening and viewing practices, birth to age 12.

**Grading status:** Letter grade.

**EDUC 416. Curriculum Integration: Science, Math, and Technology. 3 Credits.**

Permission of the instructor for nonmajors. The focus of this course is children's development in mathematical and scientific ways of knowing and the use of technology to support this development.

**Grading status:** Letter grade.

**EDUC 421. Community Organizations and Children I. 1 Credit.**

Provides an understanding of the community contexts of schools and an experience working in community group. This is the first semester of two-semester course.

**Grading status:** Letter grade.

**EDUC 422. Community Organizations and Children II. 1 Credit.**

Provides prospective teachers with an understanding of the community contexts of the schools. Second semester of a two-semester course.

**Requisites:** Prerequisite, EDUC 421.

**Grading status:** Letter grade.

**EDUC 441. Education in American Society. 3 Credits.**

A reflective examination of beliefs and attitudes associated with 1) the historical, philosophical, sociological, political, and economic forces affecting education and schooling in the United States; 2) the structure and function of the school system; and 3) current issues and trends in American schooling and education.

**Grading status:** Letter grade.

**EDUC 464. Teaching Profession. 3 Credits.**

Introduction to teaching. Course covers foundations and philosophies of education, current issues, and trends in public schooling.

**Grading status:** Letter grade.

**EDUC 465. Introduction to Teaching. 2 Credits.**

Offered concurrently with EDUC 466. Restricted to students admitted to the middle grades teacher education program. Initiates students into the teaching profession. The course stresses what it is like to be a teacher, with concurrent emphasis on the life of the student and the study of schools.

**Grading status:** Letter grade.

**EDUC 466. Planning for Teaching in the Middle Grades. 3 Credits.**

Offered concurrently with EDUC 465. Restricted to students admitted to the middle grades teacher education program. Helps students learn how to plan and develop skills to meet the unique and diverse needs of young adolescents as they prepare to teach.

**Grading status:** Letter grade.

**EDUC 469. Developing Skills for Teaching. 3 Credits.**

Helps students develop a variety of basic teaching skills used by classroom teachers. This course will be conducted primarily as a laboratory course.

**Requisites:** Prerequisites, EDUC 465 and 466.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**EDUC 493. Practicum. 1-6 Credits.**

Permission of the instructor for nonmajors. Students gain familiarity with the operations and complexity of teaching. Students observe instruction, assist in teaching, learn about the curriculum and specific resources, interact with school personnel, work with students, and apply skills learned in previous courses. Prepares students for internship or student teaching.

**Gen Ed:** EE- Field Work.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**EDUC 496. Independent Study. 1-3 Credits.**

Permission of the instructor. Provides readings and research under the direction of a faculty member. May be repeated for a maximum of six credit hours.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**EDUC 503. Leadership Seminar. 1-3 Credits.**

Course asks students to consider what it means to participate in schools as educational leaders. Students consider how to collaborate effectively with school colleagues, advocate for children and families, participate in the politics of schools and education, and examine what it means to be change agents in classrooms and schools.

**Grading status:** Letter grade.

**EDUC 504. Learning in the Modern World. 3 Credits.**

Students learn about current educational emphases and controversies as well as what the research and scholarship in the fields of education and cognition can contribute to our understanding of these phenomena.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 505. Leadership in Educational/Nonprofit Settings. 3 Credits.**

Introduces students to a research-based, highly practical understanding of leadership frames/styles prominent in educational/nonprofit organizations. Emphasizes continued student engagement with various leadership models and principles.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 506. Politics, Policymaking, and America's Schools. 3 Credits.**

Through extensive case study and conversations with policy actors, students will learn the stages model of policy making and understand conflicting values that play out in policy decisions.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 508. Equity, Leadership, and You. 3 Credits.**

This course was developed to confront and address questions of global cultural competence and self-critique. Culturally competent leaders work to understand their own biases and patterns of discrimination.

**Gen Ed:** SS, GL.

**Grading status:** Letter grade.

**EDUC 509. Helping Youth Thrive in K-12 Schools. 3 Credits.**

Learn strengths-oriented approaches in education practice, research, and policy. The course takes up contemporary literature on positive psychology, developmental assets, resiliency, cultural competence, school readiness, school engagement/ connectedness, and positive youth development.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 510. Mexican American and Chicana/o Experience in Education. 3 Credits.**

This course examines the political, cultural, and historical dimensions of the Mexican American and Chicana/o experience in education. A critical exploration of K-12 schools, higher education, and various social initiatives intended to address inequities in education for Mexican Americans and Chicanas/os will also be a focus of this class.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**EDUC 511. Politics of Reading. 3 Credits.**

Course explores the politics and policies involved in literacy curriculum and pedagogy. Critical policy analysis is used as a tool to explore and understand the political issues involved in teaching young children to read and write.

**Grading status:** Letter grade.

**EDUC 513. Methods for Teaching in the Elementary School. 3-9 Credits.**

Permission of the instructor for nonmajors. This methods block is a field based, integrated collection of science, literacy, and math courses designed to prepare pre-service teachers for planning and implementing instruction in elementary schools.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading status:** Letter grade.

**EDUC 515. The Arts as Integrative Teaching. 2 Credits.**

Restricted to students admitted to the elementary education program or the child development and family studies program. Explores integration of the arts in the curriculum.

**Grading status:** Letter grade.

**EDUC 516. Introduction to the Education of Exceptional Learners. 3 Credits.**

Offers an overview of the special education field and its relevance to the classroom teacher. The course is based on an interdisciplinary perspective toward serving exceptional learners and collaboratively coordinating services. Course content emphasizes inclusive programming and the teacher's role in facilitating students' unique learning needs.

**Grading status:** Letter grade.

**EDUC 519. Senior Seminar. 3 Credits.**

Course is restricted to majors. Permission of the instructor for nonmajors. The senior seminar is inquiry based and directly connects student teachers with classroom practices. Throughout the semester student teachers develop and implement inquiry projects.

**Requisites:** Prerequisite, EDUC 593.

**Grading status:** Letter grade.

**EDUC 520. Early Language and Literacy Learning-Birth to Third Grade. 3 Credits.**

Course is restricted to majors. Permission of the instructor for nonmajors. Course focuses on the language, reading, and writing development of children birth through third grade. Promotes early literacy learning for all children with and without disabilities, including those at risk.

**Grading status:** Letter grade.

**EDUC 521. Schools, Cultures, and Communities I: Youth. 3 Credits.**

Focus on youth in schools. This course considers the history and present lives of youth, primarily as teenagers/adolescents. It seeks recognition and understanding of the uniqueness of their lives.

**Grading status:** Letter grade.

**EDUC 522. Schools, Cultures, and Communities II: Schools. 3 Credits.**

Course focuses on schools and educational issues as they relate to practices and policies. Fulfills central ideas of the minor in education in consideration of the history and present conditions of schooling in a democratic society.

**Grading status:** Letter grade.

**EDUC 523. Teaching Early Mathematics-Birth to Third Grade. 3 Credits.**

Course is restricted to majors. Permission of the instructor for nonmajors. Students study the teaching and learning of mathematics for young children, birth to third grade. Emphasis is placed on content for math, as well as materials, techniques, and teaching aids.

**Grading status:** Letter grade.

**EDUC 524. Learning on the Edge: Theories of Experiential Education. 3 Credits.**

This course examines experiential education in a variety of settings. Students will explore the role experiential education currently plays and suggest new roles in a chosen field of study.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**EDUC 525. Human Abilities and Online Learning. 3 Credits.**

Learn about the scientific basis of thinking and learning and what this implies for guiding children and adults, for personal development and for building environments that help people learn and grow successfully in a rapidly changing technological world.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 526. Ethics and Education: From Global Problems to Classroom Dilemmas. 3 Credits.**

Among the topics examined are ethical implications of democratic schooling for a democratic society, educators as moral agents, and education as an institution with incumbent responsibilities. Students explore the explicit and implied ethics of education and schooling as they relate to policy makers, educators, and citizens concerned about social justice.

**Grading status:** Letter grade.

**EDUC 527. Screen Education: Representations of Education in Popular Culture. 3 Credits.**

Explore and analyze how education has been represented in popular culture. "Education" refers to teachers, students, principals, other educators, and the everyday processes of schooling, and "popular culture" refers to school films (fictional films), school documentaries, television shows, music videos and song lyrics, animation, and other media forms.

**Grading status:** Letter grade.

**EDUC 528. Exceptionality Across the Life Span. 3 Credits.**

This course provides methods for supporting exceptional individuals across the age span. Resources for supporting families, including parenting skills, from birth through adulthood will be described.

**Grading status:** Letter grade.

**EDUC 529. Education in American Society. 3 Credits.**

Explore history of American schools to inform students' understandings of contemporary schools. Examine policies, issues, and controversies through a chronological examination of schools and society.

**Gen Ed:** HS, CI.

**Grading status:** Letter grade.

**EDUC 531. Effective Teaching: First Steps. 2 Credits.**

Characteristics of effective teachers, classroom management, instructional methods, instructional planning and presentation, monitoring and assessing student behavior and learning, differentiating instruction, yearly plans and pacing guides.

**Grading status:** Letter grade.

**EDUC 532. Introduction to Development and Learning. 3 Credits.**

This course examines the field of human development as it contributes to the teaching and learning of all children. The emphasis is on understanding the nature of development in educational contexts and the implications of research and theory on human development for teacher practice and the creation of supportive learning environments for all children.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**EDUC 533. Social Justice in Education. 3 Credits.**

Course examines how education can help create more fair and just societies, ultimately contributing to high performing educational systems internationally. Students explore multiple perspectives on social justice; examine efforts at local, state, national, and global levels; and learn to articulate efforts in classrooms and schools with wider community initiatives.

**Gen Ed:** SS, US.

**Grading status:** Letter grade.

**EDUC 534. Effective Teaching: Assessment. 2 Credits.**

Methods of assessment, multiple measures, monitoring student performance to inform and improve instruction, understanding students with special needs with individual education plans, test scores, and other information in student files.

**Grading status:** Letter grade.

**EDUC 535. Teachers and Schools. 3 Credits.**

Leadership in classroom and school with families, standards of practice, advocating equity, supporting teaching profession, school organization, school finance, legal issue/education strategies for environments that promote learning, issues and trends.

**Grading status:** Letter grade.

**EDUC 540. Mathematics Teaching. 2 Credits.**

NCTM Standards, Standard Course of Study, developing student understanding of mathematics, problem-solving skills, and professional commitment.

**Grading status:** Letter grade.

**EDUC 541. Mathematics Problems for Instruction. 2 Credits.**

Mathematical tasks for learners in grades six through 12 and instructional methods necessary to maintain a task at a high cognitive level.

**Grading status:** Letter grade.



**EDUC 542. Planning for Mathematics Instruction. 2 Credits.**

Examining patterns of practice and assessment, modifying and improving planned units, pacing instruction, reconsidering individual differences and differentiation.

**Grading status:** Letter grade.

**EDUC 550. Science Teaching. 2 Credits.**

Nature of science, national science standards, teaching science as inquiry, safety in the science classroom, materials management.

**Grading status:** Letter grade.

**EDUC 551. Designing Science Tasks. 2 Credits.**

Developing and redesigning science instruction to engage students actively, with emphasis on classroom management for energetic curricula, modifying tasks and projects, assessment strategies, and utilization of resources.

**Requisites:** Prerequisite, EDUC 550.

**Grading status:** Letter grade.

**EDUC 552. Improving Science Instruction. 2 Credits.**

A practitioner's look at instruction in middle and high school science classrooms using many current pedagogical approaches of instruction: constructivism, models of inquiry, reflective practice, and conceptual change theory.

**Requisites:** Prerequisite, EDUC 551.

**Grading status:** Letter grade.

**EDUC 555. Constructive Coaching I: Starting Out Right. 1 Credit.**

Designed to support lateral entry candidates, solving the most urgent problems in the classroom. Includes frequent online communication, individualized attention to immediate problems and combines supervision, coaching, and mentoring.

**Grading status:** Letter grade.

**EDUC 556. Constructive Coaching II: Effective Management of Student Behavior. 1 Credit.**

Course designed to help lateral entry candidates by improving their classroom management skills, specifically those related to student behavior.

**Requisites:** Prerequisite, EDUC 555.

**Grading status:** Letter grade.

**EDUC 557. Constructive Coaching III: Helping Students Learn. 3 Credits.**

Course designed to support the lateral entry candidates through individualized feedback about concerns, focusing on strategies for increasing student learning using content area literacy strategies.

**Requisites:** Prerequisite, EDUC 556.

**Grading status:** Letter grade.

**EDUC 560. Second Language Teaching. 2 Credits.**

Methods of teaching a second language, how people learn foreign languages, planning instruction, getting students to communicate, using and adapting foreign language textbooks, and developing lessons.

**Grading status:** Letter grade.

**EDUC 561. Designing Second Language Tasks. 2 Credits.**

Students examine instruction as effective mechanism for classroom management, choosing and redesigning tasks and projects to engage students in active learning. Assessment of student understanding investigated as necessary for development of effective instruction.

**Grading status:** Letter grade.

**EDUC 562. Improving Second Language Instruction. 2 Credits.**

Students will consider national standards frameworks as organizing principles for instructional strategies. They will develop skills by use of culturally authentic materials, performance-based assessment, and units and lessons promoting successful language learning.

**Grading status:** Letter grade.

**EDUC 563. Teaching Language Arts in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on the goals and methods of teaching language arts in the middle grades, including planning for student diversity and unit planning.

**Grading status:** Letter grade.

**EDUC 564. Teaching Social Studies in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on the goals and methods of teaching social studies in the middle grades.

**Grading status:** Letter grade.

**EDUC 565. Teaching Science in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on methods for teaching science in the middle grades and includes emphasis on the individual needs of students, reading and writing in the content area, and unit planning.

**Grading status:** Letter grade.

**EDUC 566. Teaching Math in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on methods for teaching mathematics in the middle grades and includes emphasis on the individual needs of students, reading and writing in the content area, and unit planning.

**Grading status:** Letter grade.

**EDUC 567. Children's Literature in Elementary and Middle Schools. 3 Credits.**

Explores literature in the contexts of interdisciplinary elementary and middle school curricula and the interests and needs of children and young adolescents. Topics include reader-response theory, censorship, Internet resources, school resources, and methods.

**Gen Ed:** LA, CI.

**Grading status:** Letter grade.

**EDUC 568. Seminar on Teaching. 3 Credits.**

**Requisites:** Prerequisites, EDUC 465, 466, and 469; corequisite, EDUC 593.

**Grading status:** Letter grade.

**EDUC 583. Planning the Internship Experience. 3 Credits.**

This course provides an integrative learning experience which prepares HDFS students to apply academic learning acquired in previous coursework to real-life situations likely to be encountered in the internship experience and throughout their careers in the field of human services. Course materials and learning experiences are intended to help students obtain an internship.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.



**EDUC 593. Internship/Student Teaching. 1-12 Credits.**

Internships are full-time, authentic, field-based experiences in an educational or professional setting. Preservice teachers are responsible for planning lessons, delivering instruction, assessing students, managing the classroom, and demonstrating their teaching effectiveness. All internships are devoted exclusively to the student's functioning in a professional capacity.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 2 total completions.

**Grading status:** Pass/Fail.

**EDUC 595. Introduction to Exceptional Children. 3 Credits.**

Permission of the instructor for nonmajors. Surveys giftedness and mental disabilities, emotional and behavioral disorders, learning disabilities, speech, hearing, vision, and physical impairments. Emphasizes the role of professionals, families, and the community in supporting the whole child.

**Grading status:** Letter grade.

**EDUC 601. Education Workshops. 1-3 Credits.**

Permission of the program director. Workshops designed around education topics primarily for licensed K-12 teachers.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 5 total completions.

**Grading status:** Letter grade.

**EDUC 614. Innovative and Engaging Teaching. 3 Credits.**

Introduction to the teaching profession including a focused, program-long emphasis on innovative, authentic, and resource-informed teaching. Includes engagement with 21st-century learning skills.

**Grading status:** Letter grade.

**EDUC 615. Schools and Community Collaboration. 3 Credits.**

Course explores the symbiotic relationship between schools, families, and communities through a historical and sociocultural lens. Students participate in a community-based field experience.

**Gen Ed:** EE- Field Work, US.

**Grading status:** Letter grade.

**EDUC 616. Teaching Early English Language Arts. 3 Credits.**

Course focuses on ELA pedagogy, grades kindergarten through second grade. Course emphasizes best practices in foundations of reading and writing, cross-disciplinary concepts, and meaningful inquiry-based learning experiences.

**Grading status:** Letter grade.

**EDUC 617. Teaching in the Middle School. 3 Credits.**

Provides students with an introduction to the history, philosophy, and attributes of schools and curriculum specifically designed for young adolescents with attention to their developmental characteristics and needs as learners.

**Gen Ed:** SS, EE- Service Learning.

**Grading status:** Letter grade.

**EDUC 626. Pedagogical English Grammar for ESL Teachers. 3 Credits.**

Enhances foreign and second language educators' understanding of English grammar, expands their skills in linguistic analysis, and helps them develop a more pedagogically sound approach to the teaching of English grammar.

**Grading status:** Letter grade.

**EDUC 627. Pedagogical Linguistics for ESL Teachers. 3 Credits.**

Provides future English as a second language teachers with advanced concepts in linguistics and comparative linguistics. Topics such as phonology and morphology will be covered.

**Grading status:** Letter grade.

**EDUC 628. Teaching English Language Learners. 3 Credits.**

Provides students with an introduction to the history, philosophy, and attributes of schools and curriculum specifically designed for young adolescents with attention to their developmental characteristics and needs as learners.

**Gen Ed:** US.

**Grading status:** Letter grade.

**EDUC 629. Language Minority Students: Issues for Practitioners. 3 Credits.**

Permission of the instructor. Explores issues of culture and language associated with teaching English as a second language.

**Grading status:** Letter grade

**Same as:** ANTH 629.

**EDUC 685. Teaching Mathematics in the Elementary Grades. 3 Credits.**

This course emphasizes the interconnection of a classroom/school and society, the role of cultural beliefs in education, and mathematics instruction.

**Grading status:** Letter grade.

**EDUC 686. Teaching Science in the Elementary Grades. 3 Credits.**

This course emphasizes the interconnection of classroom/school and society, the role of cultural beliefs in education, and science instruction.

**Grading status:** Letter grade.

**EDUC 687. Teaching Social Studies in the Elementary Grades. 3 Credits.**

This course emphasizes the interconnection of classroom/school and society, the role of cultural beliefs in education, and social studies instruction.

**Grading status:** Letter grade.

**EDUC 688. Teaching Intermediate English Language Arts, Grades 3-6. 3 Credits.**

This course emphasizes the interconnection of classroom/school and society, the role of cultural beliefs in education, and English language arts instruction.

**Grading status:** Letter grade.

**EDUC 689. Foundations of Special Education. 3 Credits.**

This course provides an advanced introduction to key concepts, issues, and service delivery approaches pertaining to the educational needs of students with high incidence disabilities.

**Grading status:** Letter grade.

**EDUC 691H. Honors Seminar in Education. 3 Credits.**

Restricted to honors candidates in the School of Education. Required for graduation with honors in education. Integration of critical analysis of selected educational themes, introduction to methods of educational research, and intensive work in skills of reading critically and writing.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**EDUC 693. Practica Student Internship. 1-12 Credits.**

Provides students the opportunity to observe and become involved with all aspects of teaching and schools within their content area.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 2 total completions.

**Grading status:** Letter grade.

**EDUC 694H. Honors Thesis in Education. 3 Credits.**

Required of all candidates for graduation with honors in education. Preparation of an honors thesis under the direction of a member of the School of Education faculty and an oral examination on the thesis.

**Requisites:** Prerequisite, EDUC 691H; A grade of B or better in EDUC 691H is required to take this course.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**EDUC 697. Education Minor Capstone Course. 3 Credits.**

Student completes a major project in education. Course involves discussion about the changing and contested goals of education, how student projects are implicated in these complexities, and how the projects may be articulated in terms of policy change.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**EDUC 698. Internship in Human Development and Family Studies. 9 Credits.**

Course provides an integrative learning experience in which HDFS students apply academic learning acquired in previous coursework to real-life situations encountered in the field. The internship serves as the capstone of the HDFS major. Course previously offered as EDUC 588.

**Requisites:** Prerequisites, EDUC 181, 408, and 583.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Letter grade.

## Human Development and Family Studies, B.A.Ed.

### Contact Information

#### School of Education

Visit Program Website (<http://soe.unc.edu>)

Peabody Hall, CB# 3500

(919) 966-1346

#### Helyne Frederick, Program Director

[helyne@email.unc.edu](mailto:helyne@email.unc.edu)

#### Fouad Abd-El-Khalick, Dean

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[abfulton@email.unc.edu](mailto:abfulton@email.unc.edu)

Human development and family studies (HDFS) is a pre-professional major for undergraduate students interested in careers that will improve the lives of children and families across the variety of contexts and cultures in which families live, learn, and work. These careers are called "helping professions" and might include education, public health, social work, health services, counseling services, and more. This program results in a bachelor of arts degree in education.

The HDFS program does not result in teaching licensure but may be used to apply to a teaching license program at the postbaccalaureate or graduate level.

Admission to the human development and family studies major is required and offered every semester. Admission is based on, but not limited to, a 2.5 grade point average, good academic standing, expressed interest in the helping professions, and space available. For more information, please visit the School of Education Web site (<http://soe.unc.edu/hdfs>).

Admitted students must earn a grade of C or better for each course counting to fulfill a degree requirement within the HDFS major. If a student earns a grade of C- or lower in a course, it will not satisfy a degree requirement within the HDFS major. The student will need to repeat that course or an equivalent. If a course is repeated, the student can only count the credit hours once when calculating the number of credit hours toward degree.

In the event that a student fails the internship or is dismissed for violating the School of Education, site placement, or the University Code of Ethics, they will be referred to the School of Education Appeals Committee.

If a student intends to declare a major in HDFS and has already declared (or intends to declare) a minor in education, only six credit hours can double count for the education minor and the HDFS major.

Students are subject to the requirements in place when they are admitted to the School of Education; consequently, the requirements for approved programs described in this catalog particularly apply to students admitted to the school during the 2018–2019 academic year.

## Department Programs

### Major

- Human Development and Family Studies, B.A.Ed. (p. 967)

### Minor

- Education Minor (p. 969)

## Student Learning Outcomes

Upon completion of the human development and family studies program, students should be able to:

- Apply theories and knowledge about lifespan human development from many perspectives—psychological, sociological, educational, and cultural
- Demonstrate awareness of professional behaviors and ethical considerations needed to serve children, youth, and families
- Assess individual and family experiences from diverse cultural backgrounds and perspectives, such as race, ethnicity, sexual identities, ability, socioeconomic status, immigrant status, and urban versus rural settings

- Demonstrate the ability to develop resources and initiatives using appropriate strategies and technologies to support the well-being of children, families, schools, and communities through presentations, research, and service learning

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (course and credit hours) at UNC–Chapel Hill
- earn a C or better in all courses for the HDFS major (core and additional requirements).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
EDUC 181	Introduction to Human Development and Family Studies	3
EDUC 401	Introduction to Early Childhood Development: Birth to Eight	3
or EDUC 532	Introduction to Development and Learning	
EDUC 403	Families, Schools, and Community Services	3
or EDUC 410	Promotive Youth Services in Community and School Environments	
EDUC 405	Parenting and Family Life Education	3
EDUC 408	Research Methods in Human Development (must be taken prior to EDUC 583)	3
EDUC 583	Planning the Internship Experience <sup>†</sup>	3
EDUC 698	Internship in Human Development and Family Studies <sup>‡</sup>	9
Three EDUC courses chosen from:		9
EDUC/SPHS 400	Autism in Our Communities: An Interdisciplinary Perspective	
EDUC 505	Leadership in Educational/Nonprofit Settings	
EDUC 506	Politics, Policymaking, and America's Schools	
EDUC 508	Equity, Leadership, and You	
EDUC 509	Helping Youth Thrive in K-12 Schools	
EDUC 510	Mexican American and Chicana/o Experience in Education	
EDUC 511	Politics of Reading	
EDUC 521	Schools, Cultures, and Communities I: Youth	
EDUC 522	Schools, Cultures, and Communities II: Schools	
EDUC 524	Learning on the Edge: Theories of Experiential Education	
EDUC 525	Human Abilities and Online Learning	
EDUC 526	Ethics and Education: From Global Problems to Classroom Dilemmas	
EDUC 527	Screen Education: Representations of Education in Popular Culture	
EDUC 528	Exceptionality Across the Life Span	
EDUC 529	Education in American Society	

EDUC 533	Social Justice in Education	
EDUC 567	Children's Literature in Elementary and Middle Schools	
EDUC 689	Foundations of Special Education	
<b>Additional Requirements</b>		
Three additional courses chosen from the following list:		9
AAAD 130	Introduction to African American and Diaspora Studies	
AAAD 231	African American History since 1865	
AAAD 341	Law and Society	
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	
ANTH 226	The Peoples of Africa	
ANTH/WGST 277	Gender and Culture	
ANTH 318	Human Growth and Development	
ANTH 380	Anthropological Perspectives on Cultural Diversity	
ANTH 439	Political Ecology	
ANTH 629	Language Minority Students: Issues for Practitioners	
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory	
COMM 224	Introduction to Gender and Communication <sup>H</sup>	
COMM 318	Cultural Diversity	
COMM 422	Family Communication <sup>H</sup>	
COMM 576	Making and Manipulating "Race" in the United States	
ENGL 284	Reading Children's Literature	
ENGL 291	The Illustrated Book: History of Illustration in Children's Texts	
EXSS 211	Adapted Physical Education	
HPM 571	Health and Human Rights	
INLS 534	Youth and Technology in Libraries	
LING 101	Introduction to Language <sup>H</sup>	
LING 200	Phonology	
LING 203	Language Acquisition and Development	
LTAM 291	The Latino Experience in the United States	
MATH 307	Revisiting Real Numbers and Algebra	
NUTR 240	Introduction to Human Nutrition	
PLCY 530	Educational Problems and Policy Solutions <sup>H</sup>	
PLCY 570	Health and Human Rights	
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	
PSYC 220	Biopsychology <sup>H</sup>	
PSYC 222	Learning <sup>H</sup>	
PSYC 245	Abnormal Psychology <sup>H</sup>	
PSYC 250	Child Development <sup>H</sup>	
PSYC 260	Social Psychology <sup>H</sup>	
PSYC 465	Poverty and Development	
PSYC 467	The Development of Black Children	
PSYC 468	Family as a Context for Development	
PSYC 471	The Study of Adolescent Issues and Development	
PSYC 512	Popularity, Friendship, and Peer Relations	
PSYC 517	Addiction	

SOCI 122	Race and Ethnic Relations
SOCI 124	Sex and Gender in Society
SOCI 130	Family and Society
SOCI 422	Sociology of Mental Health and Illness
SOCI 423	Sociology of Education, Experiential Education
SOCI 425	Family and Society, Junior/Senior Section
SOCI 426	Sociology of Education
SOCI 431	Aging
SOCI 444	Race, Class, and Gender
SOCI 468	United States Poverty and Public Policy
SOCI 469	Health and Society
SOCI 470	Human Rights
SOWO 530	Foundations of Social Welfare and Social Work
SPHS 582	Introductory Audiology I
SPHS 583	Introduction to Clinical Practice in Speech-Language Pathology and Audiology
WGST 101	Introduction to Women's Studies
<hr/>	
Total Hours	45

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- † • Must take EDUC 408 prior to enrolling in EDUC 583. Students must see the SOE Director of Advising for permission to enroll.
- Must be taken in the semester immediately preceding the internship semester.
- ‡ • During the internship semester, students can only take up to three credit hours in addition to the required nine credit hour internship course. Exceptions must be approved by the program prior to the start of the internship semester.
- The internship site must be approved by the HDFFS program in the semester preceding the internship. An application must be filled out by the stated due date.

## Special Opportunities in Education

### Honors in the School of Education

During the spring semester of the junior year, an honors student in the School of Education participates in the first of a two-course sequence. This first course is an honors thesis class to begin the thesis preparation and writing process. During the fall semester of the senior year (the non-HDFS internship semester), the student takes the second course in the honors class sequence. Across the two courses the student completes an honors thesis. In the fall semester there is an oral examination to defend the thesis. The program is limited to students with a minimum cumulative grade point average of 3.3 at the start of the spring semester of the junior year. That is, students who wish to undertake a senior honors thesis project must have a cumulative GPA of 3.3 or higher in order to begin the project, and must maintain a cumulative GPA of 3.300 or higher through graduation.

## Education Minor

### Contact Information

#### School of Education

Visit Program Website (<http://soe.unc.edu>)  
Peabody Hall, CB# 3500

(919) 966-1346

#### Fouad Abd-El-Khalick, Dean

#### Jeff Greene, Interim Associate Dean for Academic Affairs and Director of Graduate Studies

[jagreene@email.unc.edu](mailto:jagreene@email.unc.edu)

#### Jill Hamm, Associate Dean for Research and Faculty Development

[Jill.Hamm@unc.edu](mailto:Jill.Hamm@unc.edu)

#### Anne Bryan, Assistant Dean for Student Affairs

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#### Diana Lys, Assistant Dean for Educator Preparation and Accreditation

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#### Audrey Fulton, Director of Advising and Undergraduate Student Engagement

[abfulton@email.unc.edu](mailto:abfulton@email.unc.edu)

The undergraduate minor in education is appropriate for undergraduate students interested in furthering their knowledge of education as a means of career development or to enhance their understanding of current schooling, community, and policy directions.

To declare a minor in education, you must see an advisor by appointment. During the declaration appointment, the advisor will review with you the requirements for the minor and determine if you can complete the program within the eight-semester limit.

If you intend to declare a minor in education and have already declared (or intend to declare) a major in human development and family studies (B.A.Ed.), only six (6) credit hours can double count for the education minor and the HDFFS major.

More information is available on the School of Education's Web site (<http://soe.unc.edu/academics/education-minor>).

## Department Programs

### Major

- Human Development and Family Studies, B.A.Ed. (p. 967)

### Minor

- Education Minor (p. 969)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The minor consists of five courses.

Code	Title	Hours
<b>Three courses in the School of Education:</b>		<b>9</b>
EDUC 504	Learning in the Modern World	
EDUC 505	Leadership in Educational/Nonprofit Settings	
EDUC 506	Politics, Policymaking, and America's Schools	
EDUC 508	Equity, Leadership, and You	
EDUC 509	Helping Youth Thrive in K-12 Schools	
EDUC 510	Mexican American and Chicana/o Experience in Education	
EDUC 511	Politics of Reading	
EDUC 521	Schools, Cultures, and Communities I: Youth	
EDUC 522	Schools, Cultures, and Communities II: Schools	
EDUC 524	Learning on the Edge: Theories of Experiential Education	
EDUC 525	Human Abilities and Online Learning	
EDUC 526	Ethics and Education: From Global Problems to Classroom Dilemmas	
EDUC 527	Screen Education: Representations of Education in Popular Culture	
EDUC 528	Exceptionality Across the Life Span	
EDUC 529	Education in American Society	
EDUC 533	Social Justice in Education	
EDUC 567	Children's Literature in Elementary and Middle Schools	
<b>One course in the College of Arts and Sciences:</b>		<b>3</b>
COMM 318	Cultural Diversity	
ENGL 291	The Illustrated Book: History of Illustration in Children's Texts	
HIST 367	North Carolina History since 1865	
PLCY 530	Educational Problems and Policy Solutions <sup>H</sup>	
PSYC 250	Child Development <sup>H</sup>	
PSYC 471	The Study of Adolescent Issues and Development	
SOCI 130	Family and Society	
SOCI 423	Sociology of Education, Experiential Education	
SOCI 425	Family and Society, Junior/Senior Section	
SOCI 426	Sociology of Education	
<b>Education Capstone Course</b>		
EDUC 697	Education Minor Capstone Course <sup>1</sup>	<b>3</b>
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> To be taken after completing three of the other required courses for the minor. Students must contact the SOE Director of Advising for permission to add the capstone course.



# SCHOOL OF INFORMATION AND LIBRARY SCIENCE

## Contact Information

### School of Information and Library Science

Visit Program Website (<http://sils.unc.edu>)

107 Manning Hall, CB# 3360

(919) 962-0208

### Gary Marchionini, Dean

### Undergraduate Student Services Coordinator

[sils-ug@ils.unc.edu](mailto:sils-ug@ils.unc.edu)

### Ronald E. Bergquist, Associate Dean for Academic Affairs

[bergr@email.unc.edu](mailto:bergr@email.unc.edu)

## Introduction

The School of Information and Library Science (SILS) was founded in 1931 and is one of the most highly regarded programs of its kind in the nation. The school first offered a minor in information systems in 1997 and initiated a major in information science in 2003. UNC–Chapel Hill is the only university in the state offering a bachelor's degree in information science and is one of only a small number of schools nationwide offering such a program.

Information science is the study of cognitive, social, technological, and organizational roles of information in all its forms. It rests on three foundational pillars:

1. content: the substance of the information being created, communicated, stored, and/or transformed;
2. people who interact with the content as creators of information, recipients of information, or intermediaries in the communication process; and
3. technology used to support the creation, communication, storage, or transformation of the content.

The bachelor of science in information science is designed to prepare its graduates for a variety of careers in the information industry, including information architecture, database design and implementation, Web design and implementation, business systems analyst, and information consulting, as well as for graduate study. The minor in information systems provides students with an understanding of computing, multimedia, electronic information resources, and the Internet that complements their major field of study. Students concentrate their studies in the junior and senior years.

## Advising

All majors are assigned a faculty advisor upon admission to SILS. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies and undergraduate student services coordinator work with current and prospective majors by appointment. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the SILS Web site.

Students who are double majoring are encouraged to meet periodically with an academic advisor in the College of Arts and Sciences. It is the

student's responsibility to make sure he or she is making good progress toward completing a second major outside of SILS. Information systems minors are not assigned a faculty advisor from SILS but should continue to meet with their assigned advisor in their major department.

## Career Opportunities

Career Services at SILS assists individuals in all aspects of career development, including assessing strengths and skill sets, developing a job search strategy, and connecting students and alumni with information professionals in their field.

SILS also works closely with University Career Services and its programs and services, including on-campus recruiting for both summer internships and professional positions. Students are encouraged to take advantage of both the offerings from Handshake as well as targeted events for SILS students.

## Preparing for the Major in Information Science

Students are subject to the requirements in place when they are admitted as a degree-seeking student to the University; consequently, the School of Information and Library Science requirements described in this catalog particularly apply to students admitted to the University during the 2018–2019 academic year.

First-year students and sophomores who plan to apply for the B.S.I.S. must complete the following prerequisites.

Code	Title	Hours
INLS 161	Tools for Information Literacy	3
PSYC 101	General Psychology	3
INLS 201	Foundations of Information Science	3
COMP 110 or COMP 116	Introduction to Programming <sup>H</sup> Introduction to Scientific Programming	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Undergraduate students who have completed all prerequisite courses may apply for admission to the major program. Participation is limited, and admission is competitive. Criteria for admission include the candidate's academic record, work and extracurricular experience, and substantive thinking about the role of information in society (and, for applicants to the minor, in their major field). Candidates from a variety of disciplinary backgrounds are sought for the minor. Prior computer experience is not a criterion for admission to the minor.

## Admission

To apply for admission, students must "Apply for Change of Major" in ConnectCarolina. Information regarding the application process is available on the school's Web site (<http://sils.unc.edu/programs/undergraduate/admissions>). Applicants are asked to provide the following materials:

- A current résumé, including information about work experience and/or extracurricular activities
- A brief essay (100–300 words), discussing the role of information (its creation, communication, storage, and/or transmission) in a

particular application area or in society at large, and the candidate's reason(s) for pursuing the major in information science

Applications for the spring semester are available September 1 through October 1. Applications for the fall semester are available February 1 through March 1. Applications are accepted only during the application windows. No paper applications are accepted.

Questions can be addressed to the Undergraduate Student Services Coordinator, School of Information and Library Science, CB# 3360, 107 Manning Hall; or by sending e-mail to [sils-ug@ils.unc.edu](mailto:sils-ug@ils.unc.edu); or by calling (919) 962-0208.

### Major

- Information Science Major, B.S. (p. 976)

### Minor

- Information Systems Minor (p. 978)

### Graduate Programs

- M.S.I.S. in Information Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- M.S.L.S. in Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- P.S.M. in Digital Curation (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- P.S.M. in Biomedical and Health Informatics (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- Ph.D. in Information and Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)

## Professors

Stephanie W. Haas, Sandra Hughes-Hassell, Christopher (Cal) Lee, Robert M. Losee, Gary Marchionini (Cary C. Boshamer Distinguished Professor), Javed Mostafa, Arcot Rajasekar, Helen R. Tibbo (Alumni Distinguished Professor).

## Associate Professors

Jaime Arguello, Robert Caora, Melanie Feinberg, Claudia Gollop, David Gotz, Bradley M. Hemminger, Brian W. Sturm, Ryan B. Shaw, Zeynep Tufekci.

## Assistant Professors

Mary Grace Flaherty, Amelia Gibson, Mohammad Hossein Jarrahi, Lukasz Mazur, Fei Yu.

## Clinical Professor

Paul Jones (Director, *ibiblio*).

## Clinical Associate Professor

Cliff Missen (Director, *WiderNet* Project).

## Clinical Assistant Professor

Ronald Bergquist (Associate Dean for Academic Affairs).

## Lecturers

Denise Anthony.

## INLS—Information and Library Science Undergraduate-level

### INLS 73. First-Year Seminar: Smart Cities. 3 Credits.

Topics and trends in sustainable and smart cities. Role of information in the design of network resources and impact on urban design, development, and urban living will be explored.

**Grading status:** Letter grade.

### INLS 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course; content will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### INLS 151. Retrieving and Analyzing Information. 3 Credits.

Introduction to and application of the processes that can be used in seeking information, evaluating the quality of the information retrieved, and synthesizing the information into a useful form.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### INLS 161. Tools for Information Literacy. 3 Credits.

Tools and concepts for information literacy. Includes software use and maintenance, computer applications, and networked information systems.

**Grading status:** Letter grade.

### INLS 201. Foundations of Information Science. 3 Credits.

Examines the evolution of information science; information representation, organization and management; search and retrieval; human information seeking and interaction; organizational behavior and communication; policy, ethics and scholarly communication.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### INLS 202. Retrieval and Organizing Systems. 3 Credits.

Introduction to foundational core concepts and core techniques in information organization, information retrieval, and data mining.

**Requisites:** Prerequisite, INLS 201.

**Grading status:** Letter grade.

### INLS 203. Human Information Behavior. 3 Credits.

Introduces key areas and concepts in information science, to include task modeling, information-seeking behavior, search behavior, human-computer interaction, usability, user interfaces, social media, and social media analysis.

**Requisites:** Prerequisite, INLS 201.

**Grading status:** Letter grade.

### INLS 318. Human Computer Interaction. 3 Credits.

Design, implementation, and evaluation of interfaces for computer systems. User-based techniques, usability issues, and human factors.

**Requisites:** Prerequisite, INLS 382.

**Grading status:** Letter grade.

### INLS 382. Information Systems Analysis and Design. 3 Credits.

Analysis of organizational problems and how information systems can be designed to solve those problems. Application of database and interface design principles to the implementation of information systems.

**Requisites:** Pre- or corequisite, INLS 161.

**Grading status:** Letter grade.

**INLS 384. Information and Computer Ethics. 3 Credits.**

Overview of ethical reasoning, followed by examination of ethical issues relevant to information science, including access to information and technology, societal impacts of technology, information privacy, surveillance and security, intellectual property, and professional ethics.

**Requisites:** Prerequisite, INLS 201.

**Gen Ed:** PH, CI.

**Grading status:** Letter grade.

**INLS 385. Information Use for Organizational Effectiveness. 3 Credits.**

Basic concepts in the way that information, people, and technology interact to influence organizational effectiveness. Principles of problem solving, teamwork, leadership, and organizational change/innovation.

**Grading status:** Letter grade.

**INLS 393. Information Science Internship. 3 Credits.**

Permission of the school. Supervised observation and practice in information science. The internship typically takes place in an information agency or an information technology company. Faculty-led seminars and a paper enhance the experience. Pass/Fail only.

**Gen Ed:** EE- Academic Internship.

**Grading status:** Pass/Fail.

**INLS 396. Independent Study in Information Systems. 1-3 Credits.**

Study by an individual student on a special topic under the direction of a specific faculty member. A prospectus/plan for the work is required in advance of registration.

**Repeat rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level****INLS 418. Human Factors in System Design. 3 Credits.**

Design, implementation, and evaluation of interfaces for computer systems. User-based techniques, usability issues, and human factors.

**Requisites:** Prerequisite, INLS 382.

**Grading status:** Letter grade.

**INLS 465. Understanding Information Technology for Managing Digital Collections. 3 Credits.**

Prepares students to be conversant with information technologies that underlie digital collections in order to evaluate the work of developers, delegate tasks, write requests for proposals, and establish policies and procedures. Teaches students how to think about information technology systems and recognize and manage interdependencies between parts of the systems.

**Grading status:** Letter grade.

**INLS 490. Selected Topics. 1-3 Credits.**

Exploration of an introductory-level special topic not otherwise covered in the curriculum. Previous offerings of these courses do not predict their future availability; new courses may replace these.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**INLS 500. Human Information Interactions. 3 Credits.**

The behavioral and cognitive activities of those who interact with information, with emphasis on the role of information mediators. How information needs are recognized and resolved; use and dissemination of information.

**Requisites:** Prerequisite, INLS 203 or graduate standing.

**Grading status:** Letter grade.

**INLS 501. Information Resources and Services. 3 Credits.**

Analysis, use, and evaluation of information and reference systems, services, and tools for both printed and electronic delivery. Provides a foundation in electronic information search techniques, question negotiation, interviewing, and instruction.

**Grading status:** Letter grade.

**INLS 502. User Education. 3 Credits.**

Examines the history and context of LIS training programs. Pedagogy, teaching skills, methods of evaluation are addressed. Students may tailor learning projects to their own interests.

**Requisites:** Prerequisite, INLS 501; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**INLS 503. Communication Skills for Information Professionals. 3 Credits.**

Through individual presentations, group exercises, and performance-centered feedback, this course seeks to improve students' ability to communicate their ideas clearly and present themselves positively in a professional setting.

**Grading status:** Letter grade.

**INLS 509. Information Retrieval. 3 Credits.**

Study of information retrieval and question answering techniques, including document classification, retrieval and evaluation techniques, handling of large data collections, and the use of feedback.

**Grading status:** Letter grade

**Same as:** COMP 487.

**INLS 512. Applications of Natural Language Processing. 3 Credits.**

Study of applications of natural language processing techniques and the representations and processes needed to support them. Topics include interfaces, text retrieval, machine translation, speech processing, and text generation.

**Requisites:** Prerequisite, COMP 110, 116, or 410.

**Grading status:** Letter grade

**Same as:** COMP 486.

**INLS 513. Resource Selection and Evaluation. 3 Credits.**

Identification, provision, and evaluation of resources to meet primary needs of clientele in different institutional environments.

**Grading status:** Letter grade.

**INLS 515. Consumer Health Information. 3 Credits.**

Examines concepts of health, health conditions, policy, and information collections and services from social and cultural perspectives. Analysis and design for provision and access to consumer health information services.

**Grading status:** Letter grade.

**INLS 520. Organization of Information. 3 Credits.**

Introduction to the problems and methods of organizing information, including information structures, knowledge schemata, data structures, terminological control, index language functions, and implications for searching.

**Grading status:** Letter grade.

**INLS 523. Introduction to Database Concepts and Applications. 3 Credits.**

Design and implementation of basic database systems. Semantic modeling, relational database theory, including normalization, indexing, and query construction, SQL.

**Requisites:** Pre- or corequisite, INLS 161.

**Grading status:** Letter grade.

**INLS 525. Electronic Records Management. 3 Credits.**

Explores relationships between new information and communication technologies and organizational efforts to define, identify, control, manage, and preserve records. Considers the importance of organizational, institutional and technological factors in determining appropriate recordkeeping strategies.

**Grading status:** Letter grade.

**INLS 530. Young Adult Literature and Related Materials. 3 Credits.**

A survey of print and nonprint library materials particularly suited to the needs of adolescents.

**Grading status:** Letter grade.

**INLS 534. Youth and Technology in Libraries. 3 Credits.**

This course encourages students to explore the array of technologies available to children and adolescents, the issues surrounding the use of technology, the role of care givers, and potential impacts on development.

**Grading status:** Letter grade.

**INLS 539. Going the Last Mile: Information Access for Underserved Populations. 3 Credits.**

In this course we investigate the special challenges of providing information services to marginalized populations in an increasingly digital world.

**Grading status:** Letter grade.

**INLS 540. Building a Personal Digital Library. 3 Credits.**

Students will implement a personal digital LifeTime Library. Topics include creation of a personal digital library, organization of the material, creation of descriptive metadata, management, and sharing of the collection.

**Grading status:** Letter grade.

**INLS 541. Information Visualization. 3 Credits.**

An introduction to information visualization through reading current literature and studying exemplars. The course reviews information visualization techniques, provides a framework for identifying the need for information visualization, and emphasizes interactive electronic visualizations that use freely available tools. Students will construct several visualizations. No programming skills are required.

**Grading status:** Letter grade.

**INLS 550. History of the Book and Other Information Formats. 3 Credits.**

The history of the origin and development of the book in all its formats: clay tablets to electronic. Coverage includes scientific and other scholarly publications, religious works, popular literature, periodicals, and newspapers.

**Grading status:** Letter grade.

**INLS 551. History of Libraries and Other Information-Related Cultural Institutions. 3 Credits.**

The history of cultural institutions related to information from earliest times to the present day. Includes specific institutions, trends in service and facilities, and individuals important in the development of these institutions.

**Grading status:** Letter grade.

**INLS 554. Cultural Institutions. 3 Credits.**

This course will explore cultural institutions—libraries, museums, parks, zoological and botanical gardens, reconstructions and other settings—as lifelong educational environments.

**Grading status:** Letter grade.

**INLS 556. Introduction to Archives and Records Management. 3 Credits.**

Survey of the principles, techniques, and issues in the acquisition, management, and administration of records, manuscripts, archives, and other cultural and documentary resources in paper, electronic, and other media formats.

**Grading status:** Letter grade.

**INLS 558. Principles and Techniques of Storytelling. 3 Credits.**

An overview of storytelling, its historical development, and the presentation and administration of storytelling programs. The class focuses on performance skills merged with theoretical issues.

**Grading status:** Letter grade.

**INLS 560. Programming for Information Science. 3 Credits.**

Introduction to programming and computational concepts. Students will learn to write programs using constructs such as iteration, flow control, variables, functions, and error handling. No programming experience required.

**Grading status:** Letter grade.

**INLS 561. Digital Forensics for Curation of Digital Collections. 3 Credits.**

Students will learn about hardware, software, principles, and methods for capturing and curating digital data that have been stored on removable media (i.e., hard drives, floppy disks, USB memory sticks).

**Grading status:** Letter grade.

**INLS 572. Web Development I. 1.5 Credit.**

Introduction to Internet history, architecture, and applications. Introduces design principles for creating usable and accessible Web sites. Develops technical skills and understanding of standards.

**Requisites:** Prerequisite, INLS 161.

**Grading status:** Letter grade.

**INLS 573. Mobile Web Development. 1.5 Credit.**

An introduction to techniques and technologies for the development of mobile Web sites and their applications.

**Requisites:** Prerequisite, INLS 161.

**Grading status:** Letter grade.

**INLS 576. Distributed Systems and Administration. 3 Credits.**

Distributed and client/server-based computing. Includes operating system basics, security concerns, and issues and trends in network administration.

**Requisites:** Prerequisite, INLS 161 or 461.

**Grading status:** Letter grade.

**INLS 578. Protocols and Network Management. 3 Credits.**

Network protocols and protocol stacks. Included are discussions of protocol classes, packet filtering, address filtering, network management, and hardware such as protocol analyzers, repeaters, routers, and bridges.

**Requisites:** Prerequisite, INLS 161 or 461.

**Grading status:** Letter grade.

**INLS 581. Research Methods Overview. 3 Credits.**

An introduction to research methods used in information and library science, exploring the design, interpretation, analysis, and application of published research.

**Grading status:** Letter grade.

**INLS 582. Systems Analysis. 3 Credits.**

Introduction to the systems approach to the design and development of information systems. Methods and tools for the analysis and modeling of system functionality (e.g., structured analysis) and data represented in the system (e.g., object-oriented analysis) are studied.

**Requisites:** Prerequisite, INLS 382 or graduate standing.

**Grading status:** Letter grade.



**INLS 584. Information Ethics. 3 Credits.**

An overview of ethical reasoning, followed by discussion of issues most salient to information professionals, e.g., intellectual property, privacy, access/censorship, effects of computerization, and ethical codes of conduct.

**Grading status:** Letter grade.

**INLS 585. Management for Information Professionals. 3 Credits.**

Introduction to management principles and practices for information professionals working in all types of organizations. Topics include planning, budgeting, organizational theory, staffing, leadership, organizational change and evaluation, and decision making.

**Grading status:** Letter grade.

**INLS 586. Project Management. 1.5 Credit.**

Strategies and skills needed to effectively manage projects, integrating project management theory with best practices in different organizational perspectives. Individual and team assignments include readings and case studies.

**Grading status:** Letter grade.

**INLS 609. Experimental Information Retrieval. 3 Credits.**

This course takes an in-depth look at experimental information retrieval systems that focus on different search tasks and are evaluated in community-wide evaluation forums such as TREC and INEX.

**Requisites:** Prerequisite, INLS 509.

**Grading status:** Letter grade.

**INLS 613. Text Mining. 3 Credits.**

This course will allow the student to develop a general understanding of knowledge discovery and gain a specific understanding of text mining. Students will become familiar with both the theoretical and practical aspects of text mining and develop a proficiency with data modeling text.

**Grading status:** Letter grade.

**INLS 620. Web Information Organization. 3 Credits.**

Similar programming background needed. Understand the Web as a platform for information organizing systems. Learn how the Web has been designed to be a service platform, data publishing platform, and application platform.

**Requisites:** Prerequisites, INLS 520 or 560.

**Grading status:** Letter grade.

**INLS 621. Personal Information Management. 3 Credits.**

This course focuses on issues in personal information management research and practice, including information organization, human cognition and memory, task continuity across devices, preservation, and the role of technology in personal information management.

**Grading status:** Letter grade.

**INLS 623. Database Systems II: Intermediate Databases. 3 Credits.**

Intermediate-level design and implementation of database systems, building on topics studied in INLS 523. Additional topics include MySQL, indexing, XML, and nontext databases.

**Requisites:** Prerequisites, INLS 382 or 582, and 523.

**Grading status:** Letter grade.

**INLS 624. Policy-Based Data Management. 3 Credits.**

Students will develop policies for managing digital repositories and persistent archives. The rules will be implemented in the integrated Rule-Oriented Data System (iRODS), which organizes and distributes data into shareable collections.

**Requisites:** Prerequisite, INLS 461 or COMP 110 or 116.

**Grading status:** Letter grade.

**INLS 625. Information Analytics. 3 Credits.**

This course introduces analytical techniques to deal with very large data sets. Students will become familiar with predictive modeling, clustering, data mining, and paradigms such as map resource.

**Requisites:** Prerequisite, INLS 560; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**INLS 626. Introduction to Big Data and NoSQL. 1.5 Credit.**

Information is being generated at an exponential scale in many areas, from astronomy to social networking and e-marketing. Processes for handling these data are data intensive, require heavy read/write workloads, and do not need the stringent ACID properties of relational databases. Several specific systems will be studied as examples.

**Requisites:** Prerequisite, INLS 523.

**Grading status:** Letter grade.

**INLS 641. Visual Analytics. 3 Credits.**

This project-based course provides an overview of visual analytics.

Material includes foundational concepts and theories, seminal and recent research in the field, and hands-on experience with commonly used technologies. Programming experience strongly recommended.

**Grading status:** Letter grade.

**INLS 651. Audio-Visual Archives Management. 1.5 Credit.**

An introduction to the management of audio, film, and video archives with an emphasis on the history of recording, best practices for preservation and access, and copyright. Through selected readings, lecture, class discussion, assignment, and hands-on demonstration, students will gain an understanding of the history of recording, format identification, storage and handling, philosophy of media preservation, and copyright.

**Grading status:** Letter grade.

**INLS 660. Social Media and Society: A Theoretical and Empirical Overview. 3 Credits.**

Explores the evolution, implications, and complications of social media in multiple spheres of life including sociality, community, politics, power and inequality, education, and information from theoretical and empirical perspectives.

**Grading status:** Letter grade.

**INLS 672. Web Development II. 3 Credits.**

Study of design and implementation of applications using both client and server side configuration and programming. Example topics include PHP, ruby on Rails, and Javascript.

**Requisites:** Prerequisite, INLS 572.

**Grading status:** Letter grade.

**INLS 690. Intermediate Selected Topics. 1-3 Credits.**

Exploration of a special topic not otherwise covered in the curriculum, at an intermediate level. Previous offering of this course does not predict future availability; new courses may replace these. Topic varies by instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**INLS 691H. Research Methods in Information Science. 3 Credits.**

Senior standing and permission of the instructor. Restricted to information science majors. An introduction to research methods used in information science. Includes the writing of a research proposal.

**Gen Ed:** CI, EE- Mentored Research.

**Grading status:** Letter grade.



**INLS 692H. Honors Thesis in Information Science. 3 Credits.**

Senior standing and permission of the instructor. Restricted to information science majors. Students in the SILS undergraduate honors program engage in independent research and write an honors thesis reporting the research under the supervision of a faculty member.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**INLS 696. Study in Information and Library Science. 1-3 Credits.**

Study by an individual student on a special topic under the direction of a specific faculty member. Six credit maximum for master's students. Graduate faculty.

**Requisites:** Prerequisite, permission of the instructor.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**INLS 697. Information Science Capstone. 3 Credits.**

Senior standing required. Information science major or minor. Contemporary topics of information science, information systems, information technology, information design, and information management. Assessment of future impact of new developments.

**Grading status:** Letter grade.

## Information Science Major, B.S.

### Contact Information

**School of Information and Library Science**

Visit Program Website (<http://sils.unc.edu>)

107 Manning Hall, CB# 3360

(919) 962-0208

**Gary Marchionini, Dean**

**Undergraduate Student Services Coordinator**

[sils-ug@ils.unc.edu](mailto:sils-ug@ils.unc.edu).

**Ronald E. Bergquist, Associate Dean for Academic Affairs**

[bergr@email.unc.edu](mailto:bergr@email.unc.edu)

The bachelor of science in information science is designed to prepare its graduates for a variety of careers in the information industry, including information architecture, database design and implementation, Web design and implementation, business systems analyst, and information consulting, as well as for graduate study.

The information science major integrates the study of the creation and management of information content, the characteristics and needs of the people who create and use information, and the technologies used to support the creation and manipulation of information. Graduating students will

- Understand the many ways in which information can be created, communicated, stored, and/or transformed in order to benefit individuals, organizations, and society
- Possess practical skills for analyzing, processing, and managing information and for developing and managing information systems in our knowledge-based society. They will possess problem-solving and decision-making skills, be able to use information tools effectively, and be able to take a leadership role in our information economy
- Comprehend the value of information and information tools, and their role in society and the economy

- Be prepared to evaluate the role of information in a variety of industries, in different organizational settings, for different populations, and for different purposes
- Maintain a strong sense of the role of information in society, including historical and future roles

Admission (p. 971) to the program is required.

## Department Programs

### Major

- Information Science Major, B.S. (p. 976)

### Minor

- Information Systems Minor (p. 978)

### Graduate Programs

- M.S.I.S. in Information Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- M.S.L.S. in Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- P.S.M. in Digital Curation (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- P.S.M. in Biomedical and Health Informatics (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- Ph.D. in Information and Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)

## Student Learning Outcomes

Upon completion of the information science program, students should be able to:

- Demonstrate knowledge of the many ways in which information can be created, communicated, stored, and/or transformed, in order to benefit individuals, organizations, and society
- Demonstrate practical skills in analyzing, processing, and managing information and developing and managing information systems in a knowledge-based society
- Apply problem-solving and decision-making skills
- Effectively utilize information tools in preparation to taking a leadership role in the information economy
- Recognize the value of information and information tools, and their role in society and the economy
- Evaluate the role of information in a variety of industries, in different organizational settings, for different populations, and for different purposes

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
INLS 382	Information Systems Analysis and Design	3
INLS 385	Information Use for Organizational Effectiveness	3
INLS 523	Introduction to Database Concepts and Applications	3
INLS 697	Information Science Capstone (taken in the senior year)	3
A coherent set of six electives <sup>1</sup>		18
Total Hours		30

<sup>1</sup> chosen in consultation with the student's faculty advisor, which will meet the student's objectives.

B.S.I.S. students are not allowed to complete more than 45 credits of their program (i.e., 45 of the 120 credits needed for graduation from UNC–Chapel Hill) in INLS courses. They may take a few additional INLS electives but are encouraged to acquire a broad education in the liberal arts and sciences.

All INLS courses (p. 972) must be completed with a grade of C or better. Students may not select the Pass/Fail option for any of the courses fulfilling requirements for the B.S.I.S. major or for any additional INLS electives, except for INLS 393. INLS 393 is only graded Pass/Fail. A minimum grade point average for graduation is 2.0.

## Special Opportunities in SILS

### Dual Bachelor's–Master's Degree Program

The dual bachelor's–master's program is intended to enable information science majors to obtain both their bachelor's and master's degrees by early planning of an undergraduate program that integrates well with the graduate degree requirements for either a master's in information science (M.S.I.S.) or a master's in library science (M.S.L.S.).

Applying to the dual-degree program occurs in two steps. First, the student must apply to the B.S.I.S. program with intent to pursue the dual degree. The student must apply to the master's program in the sixth, seventh, or eighth semester of undergraduate study. For admission to study at the master's level in the fall semester, students should meet the application deadline in the prior spring, and for admission in the spring semester, the prior fall. In other words, students must apply in time to be continually enrolled, with no "gap" semester. The curriculum for the dual degree can be found on the SILS Web site (<http://sils.unc.edu/programs/bs-ms/curriculum>).

Up to 12 credit hours of information science coursework taken while an undergraduate can be applied to the master's degree if the coursework is not also used to satisfy the graduation requirements for the bachelor's degree. The requirements for the master's degree can be found in the *Graduate Catalog*.

Students interested in the dual-degree program are strongly advised to consult the director of undergraduate studies or the undergraduate student services coordinator at SILS in their sophomore year to discuss eligibility and an appropriate plan of study.

## Honors in Information Science

An honors program is available to information science majors who have demonstrated the ability to perform distinguished work. The honors thesis allows exceptional students in the undergraduate major to demonstrate the ability to treat a problem in a substantial and scholarly way. Students write an honors thesis on a topic related to information science and defend it before a faculty committee. They may graduate with honors or highest honors.

The honors program consists of two courses: INLS 691H and INLS 692H. INLS 691H will be taken in the fall of the senior year. In this course, each student selects a research topic of interest, learns about research methods, and writes a research proposal. Assuming satisfactory completion of INLS 691H, students register for INLS 692H in the spring of their senior year. The student and advisor meet regularly to discuss the student's research and writing. The second reader for the thesis, identified jointly by the student and advisor, is chosen by the end of January. The director of the SILS honors program is the third reader. The thesis must be completed and circulated to the thesis committee by mid March, and the oral defense of the thesis must take place at least one week prior to the due date. Refer to Honors Carolina for official due dates. The final approved thesis must be submitted electronically via the Carolina Digital Repository (CDR).

Students may apply for the honors program in the spring of their junior year. The requirements for conducting an honors thesis in information science include having taken at least four INLS courses, including two numbered above 299, and having a total INLS grade point average of at least 3.5. The student should have an overall grade point average of at least 3.3. Enrolling in INLS 692H is contingent on completing INLS 691H with a grade of A- or higher.

Students who complete a high-quality thesis will graduate with honors; those whose thesis is exceptional will graduate with highest honors.

## Facilities/Resources

SILS maintains a combined specialized library and computer laboratory with ample seating for student collaborative work. The SILS Library is part of the UNC–Chapel Hill Academic Affairs Library System, and its collections are available for use in the library by all interested persons. The current collection consists of over 100,000 volumes and several hundred serials titles. The SILS computer laboratory is located in the school's Information Technology and Resource Center in Manning Hall and is available to students enrolled in SILS courses and programs. More than 40 PCs are available for student use, with space for use of student laptops in a wireless environment. A large selection of software is available, including data management, word processing, publishing, statistical analysis, Internet tools, graphics, development tools, multimedia, etc. Student assistants staff the help desk and are available to answer questions.

SILS students also have access to a small student lounge in Manning Hall.

## Field Experience

As a professional school at UNC–Chapel Hill, we encourage students to use the technical and theoretical knowledge they gain in the classroom in professional settings. Many SILS students participate in field experiences (INLS 393) whereby they gain experience in a setting of the student's choosing.

Students must spend 135 hours at the site, attend field experience seminars, and produce a short paper for their field experience faculty

advisor. Students are eligible for field experiences once they have completed their junior year and three INLS courses: INLS 161, INLS 201, and INLS 382. Field experiences can be taken in any semester, including the summer, and can be in any information setting.

## Student Involvement

Undergraduate students are encouraged to participate in Information Science Student Undergraduates Empowered (ISSUE). All of the school's standing committees have student representation, and all students are members of ISSUE. In addition, students may participate in professional associations in information and library science, including the student chapters of the Association for Information Science and Technology (ASIS&T), the Student Chapter of the American Library Association (SCALA), Special Libraries Association (SLA), the Art and Museum Library and Information Student Society (AMLISS), the Student Chapter of the Society of American Archivists (SCOSAA), and Checked Out: SILS Diversity.

## Study Abroad

SILS has formal study abroad agreements with seven information schools in the Czech Republic, Singapore, Denmark, South Korea, Chile, Spain, and Ireland. Students can spend a summer, semester, or year studying abroad to earn course credit toward their information science major or information systems minor. The exchanges are administered through the UNC Study Abroad Office but are managed by SILS. Credit transfer should be confirmed with SILS before beginning the exchange. In addition, UNC–Chapel Hill has formal university ties with approximately 75 other universities – many of them with library and information science schools. SILS also offers short-term summer seminars in various locations. These programs are two weeks in length and offer an in-depth view on information science. Students who wish to enjoy an international experience while studying at SILS are encouraged to talk with the SILS international programs coordinator.

## Undergraduate Awards

Two scholarships of \$1,000 each are awarded to newly admitted undergraduates in the spring and fall. Undergraduates completing an honors thesis are eligible to apply for a Carnegie Grant. This award of up to \$200 may be used to offset any costs that might occur during their research.

## Undergraduate Research

Undergraduates enrolled in the honors program conduct research as part of the completion of their honors thesis. Students not in the honors program may also take advantage of a number of opportunities to participate in research with faculty members.

# Information Systems Minor

## Contact Information

**School of Information and Library Science**  
Visit Program Website (<http://sils.unc.edu>)  
107 Manning Hall, CB# 3360  
(919) 962-0208

**Gary Marchionini, Dean**

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**Ronald E. Bergquist, Associate Dean for Academic Affairs**

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The undergraduate minor in information systems provides students with an understanding of computing, networking, multimedia, electronic information resources, and the Internet and can be used to solve problems in a variety of contexts. The minor complements the student's major field of study by offering knowledge, skills, and experience using these information technologies.

## Department Programs

### Major

- Information Science Major, B.S. (p. 976)

### Minor

- Information Systems Minor (p. 978)

### Graduate Programs

- M.S.I.S. in Information Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- M.S.L.S. in Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- P.S.M. in Digital Curation (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- P.S.M. in Biomedical and Health Informatics (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)
- Ph.D. in Information and Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

The undergraduate minor in information systems requires 15 credits of approved courses, in which students receive grades of C or better.

Code	Title	Hours
<b>Core Requirements</b>		
INLS 201	Foundations of Information Science	3
INLS 161	Tools for Information Literacy	3
INLS 382	Information Systems Analysis and Design	3
INLS 523	Introduction to Database Concepts and Applications	3
One three-credit elective course chosen from: <sup>1</sup>		3
INLS 151	Retrieving and Analyzing Information	
INLS 202	Retrieval and Organizing Systems	
INLS 203	Human Information Behavior	
INLS 318	Human Computer Interaction	
INLS 384	Information and Computer Ethics	
INLS 385	Information Use for Organizational Effectiveness	
INLS 393	Information Science Internship	

INLS 396	Independent Study in Information Systems
INLS 697	Information Science Capstone
INLS 4--	An INLS course numbered above 400 a course from outside SILS of use or interest to the student that is relevant to the minor
<hr/>	
Total Hours	15

<sup>1</sup> Information systems minors may not use any course required for their major as an elective for the minor.

Information and library science (INLS) course descriptions (p. 972).

See the program page here (p. 977) for special opportunities.

# SCHOOL OF MEDIA AND JOURNALISM

## Contact Information

### School of Media and Journalism

Visit Program Website (<http://www.mj.unc.edu>)

Carroll Hall, CB# 3365

(919) 962-1204

**Susan King, Dean**

**Charlie Tuggle, Senior Associate Dean for Undergraduate Studies**

[catuggle@email.unc.edu](mailto:catuggle@email.unc.edu)

**Sharon Jones, Director, Student Services**

[SHJONES@email.unc.edu](mailto:SHJONES@email.unc.edu)

## Introduction

The School of Media and Journalism was founded as the Department of Journalism in 1924 and became the School of Journalism in 1950. The school offers a course of study leading to the bachelor of arts with a major in media and journalism, a bachelor of arts with a major in business journalism, and a minor in media and journalism.

When the school was last accredited in 2015 by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC), the national team stated that the school “has earned a reputation as one of the premier programs.”

Today, more than 10,000 of the school’s alumni are active in every aspect of media and journalism. They hold high positions with newspapers, international news agencies, magazines, Internet companies, broadcasting companies, and advertising agencies; in public relations, business journalism, photo and video journalism, and graphic design; and in research, government, education, and industry.

## Advising

For students who have been accepted to the School of Media and Journalism, advising is available year round on a walk-in basis in Carroll Hall, Student Records and Registration (Rooms 158–160), Monday through Friday, 8:00 a.m. to 5:00 p.m. Students are strongly encouraged to meet regularly with an advisor. Advising for College of Arts and Sciences second majors is available by appointment in Academic Advising, located in Steele Building.

## Graduate School

The school offers an M.A. degree in mass communication and a Ph.D. degree in mass communication. MEJO graduate courses may be used as minor or supplementary courses for the M.A. and Ph.D. in other fields. For further information on the graduate program, write to the associate dean for graduate studies of the School of Media and Journalism or see the school’s Web site.

## Career Opportunities

The school operates a Career Services Office (located in the Student Records and Registration Suite, Carroll Hall), which is designed to fit the right graduating senior (or alumnus or alumna) with the right job.

Students in the school are also encouraged to use the services of University Career Services.

## Contact Information

Information is available from the Office of Student Records and Registration in Carroll Hall, from the Dean’s Office in 117 Carroll Hall, or from the senior associate dean for undergraduate studies. Current and prospective students will also find the school’s Web site (<http://www.mj.unc.edu>) helpful. A weekly newsletter is sent by e-mail to media and journalism majors and prospective majors during the academic year. Contact the assistant dean for communication to be added to the listserv.

## Admission to the School

Students are subject to the requirements in place when they are admitted to the University of North Carolina at Chapel Hill; consequently, the requirements described in this catalog particularly apply to students admitted to the University during the 2017–2018 academic year.

Students enroll in the General College of the University during their first two years, after which they may transfer to the School of Media and Journalism. (Students may take some MEJO courses in the first two years as noted in the section on preparing for the major.) It is highly recommend that students interested in the school declare in advance that their primary major will be in media and journalism. At the same time students should indicate a study area of interest.

Undergraduate admission to UNC–Chapel Hill is handled by the University’s Office of Undergraduate Admissions, and requests for information and application forms should be sent to that office. The Office of Undergraduate Admissions also will advise transfer students on the proper first-year and sophomore courses to take in preparation for junior-year transfer to Chapel Hill from other campuses.

Students typically are admitted to the school when they attain sophomore standing with a total of 45 or more completed hours and have completed most of the requirements of the General College on the Chapel Hill campus or have earned grades of C or better in equivalent courses at other recognized institutions. To qualify for admission from the General College or from another UNC–Chapel Hill department or school, students must meet the minimum overall 3.1 grade point average required for admission to the school. Although students can take up to 24 hours of MEJO courses prior to being admitted, the grade point average policy will be strictly followed. Students will not be admitted to the school to finish the courses required for the degree if they do not meet the grade point average requirement.

Because the University limits the number of transfer students from other institutions, transfer applicants compete for admission to the school on the basis of grade point averages and other academic credentials, and on such matters as commitment to a career in media and journalism and letters of recommendation. The Office of Undergraduate Admissions makes the final decision on admitting transfer students, after consultation with the school.

## Preparation for the Major

Students should take MEJO 153 and MEJO 121 in the first semester of their sophomore year. MEJO 101 and MEJO 102 are open to first-year students and sophomores. Seniors have first priority for courses, then juniors, then sophomores. Many courses require prerequisites and are restricted to majors only.



## Majors

- Media and Journalism Major, B.A. (p. 989)
- Business Journalism Major, B.A. (p. 992)

## Minor

- Media and Journalism Minor (p. 994)

## Certificate Programs

- Certificate Programs in Media and Journalism (p. 995)

## Graduate Programs

- M.A. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- Ph.D. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- M.A. in Technology and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)

## Professors

Penny M. Abernathy, Francesca Dillman Carpentier, Patrick D. Davison, Anne M. Johnston, Susan King, Thomas R. Linden, Seth Noar, Dan Riffe, Christopher S. Roush, JoAnn Sciarrino, John M. Sweeney, C.A. Tuggle, Jan J. Yopp.

## Associate Professors

Debashis Aikat, Andy R. Bechtel, Lois A. Boynton, Nori Comello, Paul F. Cuadros, Deen Freelon, Barbara G. Friedman, Rhonda Gibson, Heidi J. Hennink-Kaminski, Joe Bob Hester, Michael Hoefges, Daniel Kreiss, Suman Lee, Terrence Oliver, Laura A. Ruel, Chad Stevens, Ryan M. Thornburg.

## Assistant Professors

Lucinda Austin, Spencer Barnes, Joe Cabosky, Tori Ekstrand, Dan Kim, Steven King, Allison Lazard, Trevy McDonald, Adam Saffer, Lisa Villamil.

## Professors of the Practice

Richard Clancy, J. Ferrel Guillory, Jim Hefner, Dana McMahan.

## Lecturers

Joan Cates, Valerie K. Fields, Livis Freeman, Jock Lauterer, Paul O'Connor, Lynn Owens, Kate Sheppard.

## Professors Emeriti

John B. Adams, Harry Amana, Richard Beckman, Thomas Bowers, Jane D. Brown, Richard R. Cole, Albert R. Elam, Frank Fee, Robert Lauterborn, Cathy L. Packer, Raleigh C. Mann, Philip Meyer, James J. Mullen, Carol Reuss, Donald Shaw, Richard H. Simpson, Charles S. Stone, Leroy Towns, Ruth Walden, Xinshu Zhao.

## MEJO—Media and Journalism Undergraduate-level

### MEJO 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course. Contents will vary each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

### MEJO 100. Grammar for Journalists. 1 Credit.

The goal of this course is to teach students basic skills in grammar, punctuation, and spelling and help prepare them for the school's spelling and grammar exam. Students must earn a score of 70 or above on the exam to receive their degree.

**Grading status:** Letter grade.

### MEJO 101. The Media Revolution: From Gutenberg to Zuckerberg and Beyond. 3 Credits.

An introduction to the various facets of communication from the objective world of news media to the persuasive worlds of advertising, public relations, and social media. Developing skills and strengthening knowledge concerning media and communication industries, their content, and their effects on society as well as on individuals.

**Gen Ed:** SS.

**Grading status:** Letter grade.

### MEJO 102. Future Vision: Exploring the Visual World. 3 Credits.

Survey of visual communication tools, techniques, and theories, and how they may be used in all areas of the mass media, present and future. Not open to students who have already taken MEJO 180, 182, or 187.

**Grading status:** Letter grade.

### MEJO 121. Introduction to Digital Storytelling. 3 Credits.

Restricted to declared journalism majors and minors. Introduces students to the tools and skills needed to engage in quality news-oriented storytelling with audio, video, and multimedia. Students will learn to deliver news stories using multiple platforms, taking advantage of the strengths of each. Previously offered as MEJO 221.

**Grading status:** Letter grade.

### MEJO 129. Sports Xtra. 3 Credits.

In this course students will produce a weekly sports highlights, analysis, and commentary program for distribution via cable television. Students fill all editorial, field production, and studio production positions.

Previously offered as MEJO 429.

**Grading status:** Letter grade.

### MEJO 137. Principles of Advertising and Public Relations. 3 Credits.

Survey of the economics, philosophy, and history of both fields with emphasis on research, foundations, design, execution, and assessment of strategic communication efforts. Provides an understanding of both disciplines, including historical developments, issues and controversies, best practices, career opportunities, and components of successful advertising and public relations campaigns.

**Grading status:** Letter grade.

### MEJO 141. Media Ethics. 3 Credits.

Explore what constitutes ethical practices, what interferes with ethical practices, and what emerging ethical issues may challenge the newest generation of professional communicators. Cases involve print, broadcast, and Internet news media; photojournalism; graphic design; public relations; and advertising.

**Gen Ed:** PH.

**Grading status:** Letter grade.

**MEJO 153. Writing and Reporting. 3 Credits.**

A laboratory course that teaches journalistic skills essential to writing across platforms. Practice in using news gathering tools, such as sourcing and interviewing techniques; writing stories, including leads, organization, quotations, and data; editing for grammar, punctuation, brevity, style, and accuracy; and critical thinking about news values and audiences.

**Gen Ed:** CI.

**Grading status:** Letter grade.

**MEJO 157. News Editing. 3 Credits.**

Study and practice in copyediting, headline writing, and caption writing for print, digital, and social media.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 180. Foundations of Photojournalism. 3 Credits.**

An introductory course in photojournalistic technique and content gathering. Students photograph, edit, and publish assignments, including general news events, sports, feature and portrait assignments, and a picture story.

**Grading status:** Letter grade.

**MEJO 182. Foundations of Graphic Design. 3 Credits.**

Principles and practices of design, typography, graphics, and production for visual communication for print and electronic media. Computer graphics and pagination.

**Grading status:** Letter grade.

**MEJO 187. Foundations of Interactive Media. 3 Credits.**

Entry-level course in multimedia storytelling that includes modules on theory; the profession; design; content gathering; and editing, programming, publishing, and usability.

**Grading status:** Letter grade.

**MEJO 240. Current Issues in Mass Communication. 3 Credits.**

Analysis of the interrelationships between United States mass media and the society that they serve.

**Grading status:** Letter grade.

**MEJO 242. From Gutenberg to Google: A History of Media. 3 Credits.**

A historical examination of the changing role of the media professional and forms of media and communication as they have developed in relation to particular social, political, economic, and technological conditions.

**Gen Ed:** HS.

**Grading status:** Letter grade.

**MEJO 244. Talk Politics: An Introduction to Political Communication. 3 Credits.**

An overview of political communication issues and an examination of political campaigns for students who intend to practice communication in the public arena and for those interested in political processes.

**Requisites:** Prerequisite, MEJO 153.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**MEJO 245. Sports and the Media. 1 Credit.**

A comprehensive overview of the relationship between sports and the media. Athletes, coaches, and professionals share what goes into producing the sports journalism that we read, listen to, and watch.

**Grading status:** Letter grade.

**MEJO 252. Audio Journalism. 3 Credits.**

Students learn how to conceive, research, report, and produce audio stories for broadcast on radio and/or streaming on the Web. Students also learn interviewing and reporting techniques that will prepare them for higher-level courses.

**Grading status:** Letter grade.

**MEJO 253. Introduction to Public Affairs Reporting. 3 Credits.**

Exercises in news gathering, interviewing, and writing news regardless of the delivery platform.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 332. Public Relations Writing. 3 Credits.**

Service-learning course provides hands-on practice in developing multiplatform communication tools (print, digital, and social media) used by public relations practitioners. Previously offered as MEJO 232.

**Requisites:** Prerequisites, MEJO 137 and 153.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**MEJO 333. Video Communication for Public Relations and Marketing. 3 Credits.**

Introduction to the use of video as a means of communicating with a variety of an organization's publics, both internal and external. Significant emphasis on building professional skills including teamwork, project management, client management, and creative problem solving.

**Requisites:** Prerequisite, MEJO 137.

**Grading status:** Letter grade.

**MEJO 334. Presentation Design for Strategic Communication. 3 Credits.**

Students learn basic principles of graphic design vocabulary and work with related software. By the end of the course, students should be able to accomplish basic design tasks, understand how software applications work together, and be able to use software as a comfortable part of the creative design process.

**Grading status:** Letter grade.

**MEJO 335. Advertising Visual Language Lab. 3 Credits.**

This course explores the growing influence of design as a thinking process for human-centered activity, innovation, and management. Collaborating with researchers, data analysts, reporters, marketing content strategists, social media specialists, computer scientists, business operations analysts, and others to share interdisciplinary knowledge, students design and develop strategic communication plans, research reports, projects, or products addressing societal issues and challenges.

**Grading status:** Letter grade.

**MEJO 336. Advertising UX and Engagement Design. 3 Credits.**

This skills-based course explores the digital brand environment as a way to build engagement and better experiences for consumers. The course provides a broad understanding of new types of content, design, and experiences from user experience design to the Internet of Things to immersive experience to augmented reality.

**Grading status:** Letter grade.

**MEJO 340. Introduction to Media Law: Journalism Focus. 3 Credits.**

Focuses on speech and press freedoms under the First Amendment. Topics include prior restraint, libel, privacy, protection of anonymous sources, free press-fair trial, federal regulation of electronic and new media, freedom of information, intellectual property, and international issues.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 341. Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus. 3 Credits.**

Focuses on speech and related freedoms under the First Amendment. Topics include commercial speech, corporate speech, libel, privacy, regulated commercial communications, federal regulation of electronic and new media, freedom of information, intellectual property, and international issues.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 342. The Black Press and United States History. 3 Credits.**

A chronological survey of the African American press in the United States since 1827. Emphasis is on key people and issues during critical areas in the African American experience.

**Gen Ed:** HS, US.

**Grading status:** Letter grade.

**MEJO 349. Introduction to Internet Issues and Concepts. 3 Credits.**

Students develop an understanding of social, legal, political, and other issues related to the use of the Internet. Offered online.

**Grading status:** Letter grade.

**MEJO 356. Feature Writing. 3 Credits.**

Instruction and practice in writing feature articles for newspapers and magazines. Previously offered as MEJO 256.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 358. Opinion Writing. 3 Credits.**

Practice in writing commentary for all forms of mass communication, from journalism to public relations, no matter the delivery format. Previously offered as MEJO 258.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 371. Advertising Creative. 3 Credits.**

Application of findings from social science research; social responsibility of the copywriter and advertiser; preparation of advertisements for the mass media; research in copy testing. Previously offered as MEJO 271.

**Requisites:** Prerequisite, MEJO 137.

**Grading status:** Letter grade.

**MEJO 372. Advertising Media. 3 Credits.**

The media-planning function in advertising for both buyers and sellers of media; the relationships among media, messages, and audiences; computer analysis. Previously offered as MEJO 272.

**Requisites:** Prerequisite, MEJO 137.

**Grading status:** Letter grade.

**MEJO 373. Account Planning. 3 Credits.**

A study of the principles and tools of strategists and account planners all in the pursuit of connecting people with brands in new and interesting ways, with a focus on three areas. First, how to uncover compelling customer, competition, and brand insights through research. Second, how to spark creativity using those insights. Finally, how to persuade, provoke and inspire others through creative briefs, presentations and more.

**Grading status:** Letter grade.

**MEJO 374. Communications Consulting. 3 Credits.**

This seminar is a rigorous, case-study approach designed to prepare juniors and seniors for a successful entry into the world of communications and public relations. This course has three areas of focus: 1) the agency as a professional services firm, 2) the client, and 3) the art of the win. Upon completion, students will be better positioned to succeed in an agency environment.

**Grading status:** Letter grade.

**MEJO 376. Sports Marketing and Advertising. 3 Credits.**

Examines the range of promotional techniques being used in the modern sports industry. Topics include sponsorships, advertising, merchandising, and the effects of commercialization.

**Grading status:** Letter grade.

**MEJO 377. Sports Communication. 3 Credits.**

Permission of the instructor. Examination of organizations involved in the sports communication field, including publishing, team and league media relations, college sports information offices, broadcasting, and advertising.

**Grading status:** Letter grade.

**MEJO 379. Advertising and Public Relations Research. 3 Credits.**

Critical understanding and application of quantitative and qualitative methods used in the strategic planning and evaluation of advertising and public relations campaigns. Course previously offered as MEJO 279.

**Requisites:** Prerequisite, MEJO 137.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MEJO 390. Special Skills in Mass Communication. 1-3 Credits.**

Courses on various skills in journalism-mass communication with subjects and instructors varying each semester. This course satisfies a skills- or craft-course requirement. Descriptions for each section available on the school's Web site under Course Details.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**MEJO 393. Mass Communication Practicum. 1 Credit.**

Restricted to declared journalism majors and minors. Students work with area media and advertising and public relations firms and meet weekly for consultation and evaluation by the faculty advisor. Must be taken Pass/Fail only.

**Requisites:** Prerequisite, MEJO 153; permission of the instructor for students lacking the prerequisite.

**Gen Ed:** EE- Academic Internship.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Pass/Fail.

**Advanced Undergraduate and Graduate-level****MEJO 421. Television News Reporting and Producing. 3 Credits.**

Permission of the instructor. This course covers writing, reporting, and producing television news stories and programs, with emphasis on basic as well as innovative broadcast story forms.

**Requisites:** Prerequisites, MEJO 121 and 252.

**Grading status:** Letter grade.

**MEJO 424. Media Management and Policy. 3 Credits.**

An introduction to media management, generally, and the supervision and motivation of employees, specifically. The course also delves into policy and legal issues impacting modern media operations. It explores the special skills associated with management of media properties in the context of constant change.

**Grading status:** Letter grade.

**MEJO 425. Voice and Diction. 3 Credits.**

Designed to help students develop presentation skills and use voices effectively as professional broadcast journalists.

**Grading status:** Letter grade.

**MEJO 426. Audio Journalism for Radio and Podcasts. 3 Credits.**

A practicum class in which students work under faculty guidance to produce news stories, features, interviews, sports, and other audio content. Student work is broadcast on "Carolina Connection" – a weekly radio program – and is distributed on iTunes and other digital platforms. Students also have the opportunity to produce their own podcasts in the Carroll Hall studios.

**Requisites:** Prerequisite, MEJO 252.

**Grading status:** Letter grade.

**MEJO 430. Personal Finance. 3 Credits.**

Learn the concepts of personal finance including mortgages, credit card management, checking accounts, credit ratings and scores, privacy, retirement planning, and stock market investing to help you successfully navigate your finances after graduation. We will explore the concepts of personal finance and also at looking behind the numbers to spot how the consumer might be taken advantage of financially by banking and other institutions.

**Grading status:** Letter grade.

**MEJO 435. Public Information Strategies. 3 Credits.**

This course provides a comprehensive assessment and understanding of the role of public relations professionals throughout government and the nonprofit sector as well. The course examines the unique requirements placed on communicators who are simultaneously responsible for representing their respective organizations while keeping the public informed.

**Requisites:** Prerequisite, MEJO 137.

**Grading status:** Letter grade.

**MEJO 440. Digital Media Law and Society. 3 Credits.**

Explains legal issues raised by Internet communication and guides students in thinking critically about how those issues can be resolved. Reviews how courts, other branches of government, the private sector, and legal scholars have responded to the Internet. Topics may include digital copyright, net neutrality, privacy, and Internet censorship abroad.

**Requisites:** Prerequisite, MEJO 340.

**Grading status:** Letter grade.

**MEJO 441. Diversity and Communication. 3 Credits.**

An examination of racial stereotypes and minority portrayals in United States culture and communication. Emphasis is on the portrayal of Native Americans, African Americans, Hispanics, and Asian Americans in the mass media.

**Gen Ed:** US.

**Grading status:** Letter grade.

**MEJO 442. Gender, Class, Race, and Mass Media. 3 Credits.**

The media play a critical role in the construction and contestation of ideas about gender, class, and race. Using a range of methods, students will analyze media messages past and present to understand how gender, race, and class influence media production and consumption.

**Gen Ed:** SS, US.

**Grading status:** Letter grade

**Same as:** WGST 442.

**MEJO 443. Latino Media Studies. 3 Credits.**

An introductory course to the study of United States Latina/os and the media. It analyzes the media portrayal of Latina/os in United States mainstream media. The course also examines media that cater to Latina/os and explores the way in which Latina/o audiences use the multiple media offerings available to them.

**Gen Ed:** US.

**Grading status:** Letter grade.

**MEJO 445. Process and Effects of Mass Communication. 3 Credits.**

Mass communication as a social process, incorporating literature from journalism, social psychology, sociology, political science, and history. To acquaint students with factors in message construction, dissemination, and reception by audiences.

**Gen Ed:** SS.

**Grading status:** Letter grade.

**MEJO 446. Global Communication and Comparative Journalism. 3 Credits.**

Covers theories explaining the workings of global and local communication systems, the transnational flow of news, and opportunities and challenges that social media and other new platforms pose to the production and distribution of news. It also familiarizes students with the media communication systems of key countries.

**Gen Ed:** GL.

**Grading status:** Letter grade.

**MEJO 447. International Media Studies. 3 Credits.**

The study of media system operations in a particular country including how news and information are disseminated and used by audiences. Includes a trip to the country as part of the course.

**Requisites:** Prerequisite, MEJO 137 or 153.

**Gen Ed:** EE- Field Work, GL.

**Grading status:** Letter grade.

**MEJO 448. Freedom of Expression in the United States. 3 Credits.**

An examination of the development of freedom of expression in the United States within the context of the nation's history.

**Grading status:** Letter grade.

**MEJO 449. Blogging, Smart Mobs, and We the Media. 3 Credits.**

For advanced undergraduates through Ph.D. students. Practical and theoretical approaches to understanding, designing, building, and using virtual communities, including studies of network capital, social capital, and social production.

**Grading status:** Letter grade.

**MEJO 454. Advanced Feature Writing. 3 Credits.**

Writing and reporting important topics in in-depth feature articles. Discussion and utilization of writing and reporting techniques in order to complete articles for publication or other dissemination. In-depth instruction and critiques of student work.

**Requisites:** Prerequisites, MEJO 153 and 356.

**Grading status:** Letter grade.



**MEJO 455. Creative Sportswriting. 3 Credits.**

Researching and writing sports stories, including game coverage, magazine features, and opinion columns. Students complete reporting and writing exercises inside and outside of the classroom.

**Grading status:** Letter grade.

**MEJO 458. Southern Politics: Critical Thinking and Writing. 3 Credits.**

Interpretive-contextual journalism focused on the trends, issues, and politics that influence democracy in North Carolina, the American South, and the nation. Through readings and the practice of analytical journalism, the course explores government policy making, election campaigns, social and economic trends, ethics, and citizen-leader relationships.

**Grading status:** Letter grade.

**MEJO 459. Community Journalism. 3 Credits.**

Comprehensive study of the community press, including policies, procedures, and issues surrounding the production of smaller newspapers within the context of the community in its social and civic setting.

**Requisites:** Prerequisite, MEJO 153.

**Gen Ed:** EE- Service Learning, US.

**Grading status:** Letter grade.

**MEJO 463. News Lab: Creating Tomorrow's News Products. 3 Credits.**

Students work under faculty guidance to develop and test an idea for a start-up news product. Students will create a prototype, test it on a target market, and compile a business feasibility report for the product. The course emphasizes collaboration among students with a variety of skills and experiences.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**MEJO 469. Health Communication. 3 Credits.**

This course covers theory and research underlying effective health communication campaigns. Students will learn about both the development and evaluation of real-world health campaigns.

**Grading status:** Letter grade.

**MEJO 471. Advanced Advertising Copywriting. 3 Credits.**

Rigorous, in-depth instruction and critiques of student advertising writing.

**Requisites:** Prerequisites, MEJO 371 and permission of the instructor.

**Grading status:** Letter grade.

**MEJO 475. Concepts of Marketing. 3 Credits.**

Designed to provide the larger business context for students anticipating careers in advertising, public relations, and other media industries, the course teaches the vocabulary and basic concepts of marketing as it will be practiced.

**Grading status:** Letter grade.

**MEJO 476. Ethical Issues and Sports Communication. 3 Credits.**

Permission of the instructor. Ethical dilemmas and decisions in the commercialization and coverage of sports, including the influence of television, pressure to change traditions and standards for monetary reasons, and negative influences on athletes.

**Grading status:** Letter grade.

**MEJO 477. New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations. 3 Credits.**

This course will introduce you to the nontraditional, future vision required to be successful in advertising, marketing, and public relations and the more personal, individualized technologies that will grab people's attention in the future.

**Grading status:** Letter grade.

**MEJO 478. Media Marketing. 3 Credits.**

Principles and practices of retail advertising in all media, with emphasis on selling, writing, and layout of retail advertising for the print media.

**Requisites:** Prerequisite, MEJO 137.

**Grading status:** Letter grade.

**MEJO 479. Market Intelligence. 3 Credits.**

Permission of the instructor. This course helps students learn to make better business decisions by teaching contemporary analytical tools to solve brand and advertising problems.

**Grading status:** Letter grade.

**MEJO 482. Media Design. 3 Credits.**

Permission of the instructor. Detailed study of page layout and graphics techniques for all forms of news media.

**Requisites:** Prerequisite, MEJO 182; pre- or co-requisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 484. Information Graphics. 3 Credits.**

Study and application of graphic design and information-gathering techniques to creating charts, maps, and diagrams.

**Requisites:** Prerequisite, MEJO 182; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**MEJO 485. Publication Design. 3 Credits.**

Detailed study and application of graphic design techniques in magazines, newspapers, advertising, and corporate communication.

**Requisites:** Prerequisite, MEJO 182; pre- or co-requisite, MEJO 153; permission of the instructor.

**Grading status:** Letter grade.

**MEJO 487. Intermediate Interactive Media. 3 Credits.**

Web programming, graphic design, and storytelling for the Web. Students will use HTML5 CSS3, JavaScript, and other Web publishing languages while learning how to design, storyboard, and script an interactive storytelling project. Students will collect and incorporate photos, text, video, graphics, and database information into interactive multimedia presentations. Previously offered as MEJO 586.

**Requisites:** Prerequisite, MEJO 187.

**Grading status:** Letter grade.

**MEJO 488. Multimedia Storytelling: Carolina Photojournalism Workshop. 3 Credits.**

The Carolina Photojournalism Workshop has a dual mission: to provide an immersive, real-world learning experience for students, and to create and publish exceptional multimedia content on the culture of North Carolina that can be a resource for people in our state and the world. Previously offered as MEJO 587.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**MEJO 489. Photojournalism, Lighting, and Business Techniques. 3 Credits.**

Students expand their personal photographic vision and professional portfolio by honing their knowledge and skills of studio and location lighting, propping, and styling. Students learn studio and location portraiture and photo illustration and create a photo essay or portrait series. Previously offered as MEJO 181.

**Requisites:** Prerequisite, MEJO 180.

**Grading status:** Letter grade.



**MEJO 490. Special Topics in Mass Communication. 1-3 Credits.**

Small classes on various aspects of journalism-mass communication with subjects and instructors varying each semester. Descriptions for each section available on the school's Web site under Course Details.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**MEJO 490H. Special Topics in Mass Communication. 1-3 Credits.**

Small classes on various aspects of journalism-mass communication with subjects and instructors varying each semester. Descriptions for each section available on the school's Web site under Course Details.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**MEJO 522. Producing Television News. 3 Credits.**

Permission of the instructor. Students work under faculty guidance to produce "Carolina Week," a television news program, and are responsible for all production tasks such as producing, reporting, anchoring, directing, and others. Previously offered as MEJO 422.

**Requisites:** Prerequisite, MEJO 421.

**Grading status:** Letter grade.

**MEJO 523. Broadcast News and Production Management. 3 Credits.**

Permission of the instructor. Students participate in a collaborative learning environment to hone skills learned in earlier courses and help less-experienced students acclimate to the broadcast news experience within the school. By invitation only. Previously offered as MEJO 423.

**Requisites:** Prerequisite, MEJO 129 or 426 or 522.

**Grading status:** Letter grade.

**MEJO 531. Case Studies in Public Relations. 3 Credits.**

Helps students think as public relations professionals who deal with the demanding, dynamic environment of corporate, government, and nonprofit public relations. Students examine real-world situations and strategies, discussing factors that affect how public relations is practiced in organizations, including identifying stakeholder groups, developing strategies, embracing diversity, and recognizing ethical issues. Previously offered as MEJO 431.

**Requisites:** Prerequisite, MEJO 137.

**Grading status:** Letter grade.

**MEJO 533. Crisis Communication. 3 Credits.**

Provides an assessment and understanding of crises, examining the role public relations professionals play in helping organizations use mass communication theories and best practices. Includes media training. Introduces students to areas of crisis research, allowing them to complete the Federal Emergency Management Agency's National Incident Management System certification. Previously offered as MEJO 433.

**Requisites:** Prerequisites, MEJO 137 and 153.

**Grading status:** Letter grade.

**MEJO 541. Economics Reporting. 3 Credits.**

Permission of the instructor. Coverage of Wall Street and the economy, including stocks, bonds, and economic indicators. Reporting on the Federal Reserve, labor, consumer sector, manufacturing and inflation, and certain industries. Previously offered as MEJO 451.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 542. Business Reporting. 3 Credits.**

Methods and tactics of covering businesses for mass communication. Why and how companies operate and how to write stories about corporate news from public records and other sources. Previously offered as MEJO 452.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 550. Business and the Media. 3 Credits.**

Role of media in United States society and effects on public perceptions of business. Relationship of business press and corporate America. Current issues in business journalism. Previously offered as MEJO 450.

**Grading status:** Letter grade.

**MEJO 553. Advanced Reporting. 3 Credits.**

Rigorous, in-depth instruction and critiques of students' news and feature assignments done with different reporting methodologies: interviewing, official records, direct and participant observation, and survey research (the Carolina Poll). Previously offered as MEJO 453.

**Requisites:** Prerequisites, MEJO 153 and 253.

**Grading status:** Letter grade.

**MEJO 557. Advanced Editing. 3 Credits.**

Concentration on the editing and display of complex news and features stories and other print media content with a significant emphasis on newspaper design and graphics. Previously offered as MEJO 457.

**Requisites:** Prerequisite, MEJO 157.

**Grading status:** Letter grade.

**MEJO 560. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers.

**Grading status:** Letter grade

**Same as:** HBEH 660, HPM 550.

**MEJO 560H. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers.

**Grading status:** Letter grade

**Same as:** HBEH 660H, HPM 550H.

**MEJO 561. Environmental and Science Video Storytelling. 3 Credits.**

Students work in teams to produce, shoot, script, and report environmental, science, and medical stories for broadcast on "Carolina Week", the award-winning, student-produced television newscast.

**Grading status:** Letter grade

**Same as:** HBEH 561, HPM 551.

**MEJO 562. Environmental and Science Documentary Television. 3 Credits.**

Students work in teams to conceive, produce, and script mini-documentaries on environmental and science topics for broadcast on North Carolina Public Television.

**Grading status:** Letter grade

**Same as:** HBEH 562, HPM 552.

**MEJO 564. Medical and Science Reporting. 3 Credits.**

Required preparation, a second reporting or writing course. Focuses on developing strategies to research and write about medical issues, specifically selecting topics, finding and evaluating sources, and information gathering. Students produce a range of stories, from short consumer pieces to in-depth articles.

**Requisites:** Prerequisite, MEJO 153.

**Grading status:** Letter grade.

**MEJO 565. Environmental Storytelling. 3 Credits.**

An interdisciplinary course for students interested in environmental issues or journalism to produce stories about environmental issues that matter to North Carolinians. Students learn to identify credible sources, manage substantial amounts of information, and find story focus as they report on technical and often controversial subjects in a variety of media.

**Grading status:** Letter grade

**Same as:** ENEC 565.

**MEJO 570. Data Driven Journalism. 3 Credits.**

An introduction to basic statistics and numerical and mathematical literacy, as well as a look at professional data-driven journalism projects. Students who successfully complete this course will be able to acquire, organize, analyze, and present data to a general news audience.

Previously offered as MEJO 460.

**Gen Ed:** QI.

**Grading status:** Letter grade.

**MEJO 572. Art Direction in Advertising. 3 Credits.**

This course provide students with finished advertising for their portfolios through visual theory instruction, creative exercises, and strategy application. Previously offered as MEJO 472.

**Grading status:** Letter grade.

**MEJO 577. The Branding of Me. 3 Credits.**

What have you done to brand yourself? Students will use YouTube, Twitter, and Facebook in a calculated plan with other new-media marketing tools to land that first job. Previously offered as MEJO 474.

**Requisites:** Prerequisite, MEJO 477.

**Grading status:** Letter grade.

**MEJO 580. Photo Stories. 3 Credits.**

Advanced course in photojournalism content gathering, history, ethics and storytelling. Students shoot advanced newspaper and magazine assignments and create short multimedia stories combining photography, audio, and video. Previously offered as MEJO 480.

**Requisites:** Prerequisite, MEJO 180; pre- or co-requisite, MEJO 153; Permission of the instructor.

**Grading status:** Letter grade.

**MEJO 581. User Experience Design and Usability. 3 Credits.**

Permission of the instructor. Theory and practice of multimedia design with an emphasis on usability, design theory, and evaluative methodologies, including focus groups, survey research, eye-track testing, and search engine optimization.

**Requisites:** Prerequisite, MEJO 187.

**Grading status:** Letter grade.

**MEJO 582. Advanced Documentary Video Storytelling. 3 Credits.**

Permission of the instructor. Students learn how to gather audio and video content, editing and storytelling techniques, and how to publish these media onto a variety of multimedia platforms.

**Requisites:** Prerequisites, MEJO 121, and 180 or 187.

**Grading status:** Letter grade.

**MEJO 583. Advanced Interactive Media. 3 Credits.**

Permission of the instructor. Advanced course in multimedia programming languages that includes designing and building dynamic projects.

**Requisites:** Prerequisite, MEJO 187.

**Grading status:** Letter grade.

**MEJO 584. International Projects. 3 Credits.**

Permission of the instructor. Students work on a semester-long documentary multimedia project in an international location that includes photo and video journalists, audio recordists, designers, infographics artists, and programmers. Open by application to students who have completed an advanced course in visual or electronic communication.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**MEJO 585. 3D Design Studio. 3 Credits.**

Permission of the instructor. The use of 3D design and animation to create visual explanations.

**Requisites:** Prerequisites, MEJO 187 and 182.

**Grading status:** Letter grade.

**MEJO 588. Emerging Technologies. 3 Credits.**

This class will teach students how to think about mobile media products. Students will learn to solve problems, design mobile user experiences, write the hybrid code to make it work, and then deploy, test, and make it better. The class will be a mix of design and product development theories. Previously offered as MEJO 660.

**Grading status:** Letter grade.

**MEJO 589. Motion Graphics. 3 Credits.**

Permission of the instructor. Detailed study and application of motion-graphic techniques that utilize the combination of words, photos, graphics, video, sound, and voice-overs to convey stories for news and entertainment. Students learn Adobe After Effects software and the art of storytelling to enable them to conceptualize and execute digital animations. Previously offered as MEJO 486.

**Grading status:** Letter grade.

**MEJO 596. Individual Study. 3 Credits.**

Permission of the instructor. An individual readings and problems course to be directed by a faculty member in whose field of interest the subject matter lies.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading status:** Letter grade.

**MEJO 602. Teaching Journalism in the Secondary School. 3 Credits.**

Graduate standing. Readings, discussion, and projects fostering excellence in teaching journalism-mass communication in the high school, from philosophy and practice to professional skills.

**Grading status:** Letter grade.

**MEJO 603. Mass Communication Law in the Secondary School. 3 Credits.**

Graduate standing. Application of First Amendment speech and press freedoms to secondary school media, including libel, privacy, access to information, journalistic privilege, prior restraint, advertising and broadcast regulations, and ethical practices.

**Grading status:** Letter grade.

**MEJO 604. Mass Communication Writing and Editing in the Secondary School. 3 Credits.**

Graduate standing. High school journalism teachers and advisors learn to teach the skills journalists need to communicate. Emphasis on writing and thinking skills necessary to convert information into clear messages.

**Grading status:** Letter grade.

**MEJO 605. Design and Production of Secondary School Publications. 3 Credits.**

Graduate standing. High school journalism teachers and advisors learn to teach the skills journalists need to produce publications. Designed for persons with no background in design. Degree-seeking students may not use both MEJO 182 and 605 to complete degree requirements.

**Grading status:** Letter grade.

**MEJO 625. Media Hub. 3 Credits.**

Permission of the department. Students will work together to find, produce, and market stories that would attract the attention of professional media partners throughout the state and region, and at times, the nation. This hands-on course mimics the professional journalist's work environment more than any other class in the school.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**MEJO 630. Business News Wire. 3 Credits.**

This course teaches students how a news wire operates. Students will report stories about North Carolina companies on a real-time basis and market those stories to state media via e-mail and a Web site.

**Grading status:** Letter grade.

**MEJO 631. Business Journalism Management. 3 Credits.**

Learn how to oversee and manage a business news wire, including distribution of content to media organizations, managing an e-mail newsletter, and handling social media. Also involves some reporting and writing.

**Grading status:** Letter grade.

**MEJO 634. Public Relations Campaigns. 3 Credits.**

In this capstone experience, students apply concepts and skills from earlier classes to develop a campaign plan for a client organization. Activities include conducting background and audience research; developing realistic objectives, strategies, tactics, and evaluation plans; producing a portfolio of supporting materials; and pitching the campaign to the client. Previously offered as MEJO 434.

**Requisites:** Prerequisites, MEJO 332, 379, and 531.

**Grading status:** Letter grade.

**MEJO 650. Workroom FashionMash Experiential Design. 3 Credits.**

The course combines a development workshop with a professional industry project, giving students unprecedented access to working creatives, industry trendsetters, and decision makers. In Workroom students will think, write, and execute their creative ideas.

**Grading status:** Letter grade.

**MEJO 651. Workroom FashionMash Product Design. 3 Credits.**

The course combines a development workshop with a professional industry project, giving you unprecedented access to working creatives, industry trendsetters and decision makers. In Workroom you will not simply think and write about your creative ideas, instead, this class is completely focused on execution.

**Grading status:** Letter grade.

**MEJO 652. Digital Media Economics and Behavior. 3 Credits.**

The course will focus on the changing economics affecting 21st-century news organizations and the economic drivers of other content providers such as music companies, the film industry, online aggregators, and commerce sites for lessons that can be applied across industry segments. Previously offered as MEJO 551.

**Grading status:** Letter grade.

**MEJO 653. Leadership in a Time of Change. 3 Credits.**

During a time of fast-paced technological innovation, this course examines the critical strategic choices facing media executives. Students will observe and research a media company that is making the transition, as well as produce a case study on that effort. Previously offered as MEJO 552.

**Requisites:** Prerequisite, MEJO 452, 475 or 652.

**Grading status:** Letter grade.

**MEJO 656. Magazine Writing and Editing. 3 Credits.**

Instruction and practice in planning, writing, and editing copy for magazines. Previously offered as MEJO 456.

**Requisites:** Prerequisites, MEJO 153 and 356.

**Grading status:** Letter grade.

**MEJO 670. Digital Advertising and Marketing. 3 Credits.**

This course provides the practical knowledge and insights required to establish digital advertising and marketing objectives and strategies, properly select the earned and paid media platforms, and monitor and measure the results of those efforts. Previously offered as MEJO 470.

**Requisites:** Prerequisite, MEJO 379.

**Grading status:** Letter grade.

**MEJO 671. Social Marketing Campaigns. 3 Credits.**

Social marketing is the application of marketing concepts and practices to bring about behavior change for a social good. This course is designed as a service-learning course and fulfills the experiential education requirement.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade.

**MEJO 673. Advertising Campaigns. 3 Credits.**

Planning and executing advertising campaigns; types and methods of advertising research; the economic function of advertising in society. Previously offered as MEJO 473.

**Requisites:** Prerequisite, MEJO 371 or 372.

**Grading status:** Letter grade.

**MEJO 681. Photojournalism Projects. 3 Credits.**

Permission of the instructor. Students study the documentary tradition and produce stories within the social documentary genre of photojournalism. Students choose a relevant social issue and create a multimedia Web site featuring long-form documentary storytelling. Previously offered as MEJO 481.

**Requisites:** Prerequisite, MEJO 580.

**Grading status:** Letter grade.

**MEJO 683. Magazine Design. 3 Credits.**

Permission of the instructor. Detailed study of page layout and graphics techniques in magazines. Previously offered as MEJO 483.

**Requisites:** Prerequisite, MEJO 482.

**Grading status:** Letter grade.

**MEJO 690. Special Topics in Advertising. 1-3 Credits.**

Courses on special topics in advertising with subjects and instructors varying each semester.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading status:** Letter grade.

**MEJO 691H. Introductory Honors Course. 3 Credits.**

Permission of the instructor. Required of all students reading for honors in journalism.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**MEJO 692H. Honors Essay. 3 Credits.**

Permission of the instructor. Required of all students reading for honors in journalism.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Media and Journalism Major, B.A.

### Contact Information

#### School of Media and Journalism

Visit Program Website (<http://www.mj.unc.edu>)

Carroll Hall, CB# 3365

(919) 962-1204

**Susan King, Dean**

**Charlie Tuggle, Senior Associate Dean for Undergraduate Studies**

[catuggle@email.unc.edu](mailto:catuggle@email.unc.edu)

**Sharon Jones, Director, Student Services**

[SHJONES@email.unc.edu](mailto:SHJONES@email.unc.edu)

The school prepares students for careers in media and journalism by offering an academic program that provides a basic liberal arts education, an understanding of the responsibilities of free press and free speech in a democratic society, and a fundamental knowledge of journalistic and media techniques and substance.

The philosophy that guides the school is that journalists and communicators must understand the political, social, economic, and cultural forces that operate within society. For this reason, students acquire a background in the humanities, social sciences, and natural sciences while preparing themselves for media and journalism careers.

More than perhaps any other field, journalism requires a strong foundation in word usage, grammar, punctuation, and other writing skills. Students must score at least 70 percent on the school's usage and grammar examination as a condition for graduation. The examination is administered several times a semester and during the summer.

Students are responsible for meeting all other graduation requirements. If they have questions about their requirements they should consult an advisor in the school's Student Records and Registration Office (Carroll Hall) or a senior associate dean. Specific information about graduation requirements, advising, registration, and other procedures is also available on the school's Web site.

The school cannot guarantee that courses needed to satisfy a student's degree requirements will be offered during summer school. Students who plan to complete degree requirements in summer school should be aware that low enrollments sometimes force the school to cancel certain courses or sections during either or both summer sessions.

## Department Programs

### Majors

- Media and Journalism Major, B.A. (p. 989)
- Business Journalism Major, B.A. (p. 992)

### Minor

- Media and Journalism Minor (p. 994)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 995)

### Graduate Programs

- M.A. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- Ph.D. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- M.A. in Technology and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)

## Student Learning Outcomes

Upon completion of the media and journalism program, students should be able to:

- Understand and apply the principles and laws of freedom of speech and press for the country in which the institution that invites ACEJMC is located, as well as receive instruction in and understand the range of systems of freedom of expression around the world, including the right to dissent, to monitor and criticize power, and to assemble and petition for redress of grievances.
- Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
- Demonstrate an understanding of gender, race ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society in relation to mass communications
- Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society.
- Understand concepts and apply theories in the use and presentation of images and information.
- Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to the communications professions in which they work.
- Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply basic numerical and statistical concepts.
- Apply tools and technologies appropriate for the communications professions in which they work.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).



**Requirements Outside the School**

Code	Title	Hours
<b>Government/Politics</b>		
Select one from the following list:		3
POLI 101	State and Local Government in the United States <sup>H</sup>	
POLI 130	Introduction to Comparative Politics <sup>H</sup>	
POLI 150	International Relations and World Politics <sup>H</sup>	
POLI 202	The United States Supreme Court	
POLI 203	Race, Innocence, and the Decline of the Death Penalty	
<b>Outside Concentration</b>		
At least three courses in another department or school <sup>1</sup>		9
<b>Total Hours</b>		<b>12</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students are expected to gain a depth of knowledge of a topic outside the school. Completing another major or minor would fulfill this requirement.

Students who wish to complete a second major outside the school and who did not declare the second major before being admitted to the school must download a second-major declaration form from the school's Web site and return it to Student Records and Registration in Carroll Hall for approval. They must then meet with an academic advisor in the College of Arts and Sciences to ensure that they can meet all requirements for the second major.

**Requirements in Both Study Areas**

The degree earned is the bachelor of arts with a major in media and journalism. Two areas of study are offered: a concentration in advertising/public relations and a concentration in journalism. Areas of study are not noted on the diploma. Some courses are required for all majors in the school, and each area of study has specific course requirements.

Students who enter the University in fall 2013 or later must complete a minimum of 39 credits up to a maximum of 48 credits in media and journalism with a grade point average of 2.0 or better. A grade of D in a MEJO core course will not be counted in the minimum number of media and journalism credits required for graduation; the course must be retaken if it is required for the major. If the course is not specifically required, then another course that meets the requirement the first course was meeting may be taken in its stead. MEJO 393 cannot be counted in the minimum of 39 credit hours required, but will count in the 48 credit hours allowed in media and journalism for graduation and in the total 120-credit hours required by the University. The school will normally accept only six credit hours of media and journalism courses taken at other institutions and requires students to pass exemption examinations to receive credit for certain basic courses. The school typically does not accept transfer credit for MEJO 153.

Of the basic 120 hours for graduation at least 72 hours must be outside media and journalism. Please check the course list below or ConnectCarolina for prerequisite information for MEJO courses.

Students must achieve a passing score of at least 70 on the school's usage and grammar examination.

**Media and Journalism Major, B.A. – Journalism**

Code	Title	Hours
<b>School Core</b>		
MEJO 121	Introduction to Digital Storytelling <sup>1</sup>	3
MEJO 141	Media Ethics	3
MEJO 153	Writing and Reporting <sup>1</sup>	3
MEJO 340	Introduction to Media Law: Journalism Focus (MEJO 153 is a prerequisite)	3
<b>Concentration</b>		
At least two courses from Level 1		6
MEJO 129	Sports Xtra	
MEJO 157	News Editing	
MEJO 180	Foundations of Photojournalism	
MEJO 182	Foundations of Graphic Design	
MEJO 187	Foundations of Interactive Media	
MEJO 252	Audio Journalism	
MEJO 253	Introduction to Public Affairs Reporting	
At least two courses from Level 2		6
MEJO 356	Feature Writing	
MEJO 358	Opinion Writing	
MEJO 390	Special Skills in Mass Communication	
MEJO 421	Television News Reporting and Producing	
MEJO 426	Audio Journalism for Radio and Podcasts	
MEJO 455	Creative Sportswriting	
MEJO 459	Community Journalism	
MEJO 463	News Lab: Creating Tomorrow's News Products	
MEJO 482	Media Design	
MEJO 484	Information Graphics	
MEJO 485	Publication Design	
MEJO 487	Intermediate Interactive Media	
MEJO 488	Multimedia Storytelling: Carolina Photojournalism Workshop	
MEJO 489	Photojournalism, Lighting, and Business Techniques	
At least two courses from Level 3		6
MEJO 522	Producing Television News	
MEJO 523	Broadcast News and Production Management	
MEJO 541	Economics Reporting	
MEJO 542	Business Reporting	
MEJO 550	Business and the Media	
MEJO 553	Advanced Reporting	
MEJO 557	Advanced Editing	
MEJO 560	Environmental and Science Journalism <sup>H</sup>	
MEJO 561	Environmental and Science Video Storytelling	
MEJO 562	Environmental and Science Documentary Television	
MEJO 565	Environmental Storytelling	
MEJO 570	Data Driven Journalism	
MEJO 580	Photo Stories	
MEJO 582	Advanced Documentary Video Storytelling	
MEJO 583	Advanced Interactive Media	
MEJO 584	International Projects	
MEJO 585	3D Design Studio	



MEJO 589	Motion Graphics	
<b>Conceptual Courses</b>		
Students must also complete two courses from the following list:		6
MEJO 240	Current Issues in Mass Communication	
MEJO 242	From Gutenberg to Google: A History of Media	
MEJO 244	Talk Politics: An Introduction to Political Communication	
MEJO 245	Sports and the Media (1 credit course)	
MEJO 342	The Black Press and United States History	
MEJO 349	Introduction to Internet Issues and Concepts	
MEJO 424	Media Management and Policy	
MEJO 425	Voice and Diction	
MEJO 441	Diversity and Communication	
MEJO 442	Gender, Class, Race, and Mass Media	
MEJO 443	Latino Media Studies	
MEJO 445	Process and Effects of Mass Communication	
MEJO 446	Global Communication and Comparative Journalism	
MEJO 447	International Media Studies	
MEJO 448	Freedom of Expression in the United States	
MEJO 458	Southern Politics: Critical Thinking and Writing	
MEJO 469	Health Communication	
MEJO 475	Concepts of Marketing	
MEJO 476	Ethical Issues and Sports Communication	
MEJO 477	New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations	
MEJO 479	Market Intelligence	
MEJO 490	Special Topics in Mass Communication (when appropriate topic) <sup>H</sup>	
MEJO 577	The Branding of Me	
MEJO 588	Emerging Technologies	
MEJO 596	Individual Study	
MEJO 652	Digital Media Economics and Behavior	
MEJO 653	Leadership in a Time of Change	
MEJO 691H	Introductory Honors Course	
MEJO 692H	Honors Essay	
<b>Captone</b>		
Select one course from the following:		3
MEJO 625	Media Hub	
MEJO 656	Magazine Writing and Editing	
MEJO 681	Photojournalism Projects	
MEJO 683	Magazine Design	
Total Hours		39

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> It is recommended that students take MEJO 153 and MEJO 121 together.

## Media and Journalism Major, B.A.–Advertising/Public Relations Curriculum

The advertising/public relations curriculum is for students who wish to communicate on behalf of organizations, including corporations, government agencies, nonprofit and advocacy groups, and public relations and advertising agencies. Students learn to develop persuasive advertising messages or focus on strategic communication efforts for an organization. Both are pursued within an ethical framework of communication.

Code	Title	Hours
<b>School Core</b>		
MEJO 121	Introduction to Digital Storytelling <sup>1</sup>	3
MEJO 141	Media Ethics	3
MEJO 153	Writing and Reporting <sup>1</sup>	3
MEJO 341	Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus	3
<b>Concentration</b>		
One course from Level 1		3
MEJO 137	Principles of Advertising and Public Relations	
At least three courses from Level 2		9
MEJO 332	Public Relations Writing	
MEJO 333	Video Communication for Public Relations and Marketing	
MEJO 334	Presentation Design for Strategic Communication	
MEJO 371	Advertising Creative	
MEJO 372	Advertising Media	
MEJO 376	Sports Marketing and Advertising	
MEJO 377	Sports Communication	
MEJO 379	Advertising and Public Relations Research	
MEJO 390	Special Skills in Mass Communication	
At least two courses from Level 3		6
MEJO 435	Public Information Strategies	
MEJO 475	Concepts of Marketing	
MEJO 477	New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations	
MEJO 479	Market Intelligence	
MEJO 490	Special Topics in Mass Communication <sup>H</sup>	
MEJO 531	Case Studies in Public Relations	
MEJO 533	Crisis Communication	
MEJO 572	Art Direction in Advertising	
MEJO 577	The Branding of Me	
<b>Conceptual (at least two courses)<sup>2</sup></b>		6
MEJO 240	Current Issues in Mass Communication	
MEJO 242	From Gutenberg to Google: A History of Media	
MEJO 244	Talk Politics: An Introduction to Political Communication	
MEJO 245	Sports and the Media (1 credit course)	
MEJO 342	The Black Press and United States History	
MEJO 349	Introduction to Internet Issues and Concepts	
MEJO 424	Media Management and Policy	
MEJO 425	Voice and Diction	
MEJO 441	Diversity and Communication	

MEJO 442	Gender, Class, Race, and Mass Media
MEJO 443	Latino Media Studies
MEJO 445	Process and Effects of Mass Communication
MEJO 446	Global Communication and Comparative Journalism
MEJO 447	International Media Studies
MEJO 448	Freedom of Expression in the United States
MEJO 458	Southern Politics: Critical Thinking and Writing
MEJO 469	Health Communication
MEJO 476	Ethical Issues and Sports Communication
MEJO 490	Special Topics in Mass Communication <sup>H</sup>
MEJO 588	Emerging Technologies
MEJO 596	Individual Study
MEJO 652	Digital Media Economics and Behavior
MEJO 653	Leadership in a Time of Change
MEJO 691H	Introductory Honors Course
MEJO 692H	Honors Essay
<b>Capstone</b>	
At least one course 3	
MEJO 634	Public Relations Campaigns
MEJO 650	Workroom FashionMash Experiential Design
MEJO 651	Workroom FashionMash Product Design
MEJO 670	Digital Advertising and Marketing
MEJO 671	Social Marketing Campaigns
MEJO 673	Advertising Campaigns
MEJO 690	Special Topics in Advertising
Total Hours	39

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> It is recommended that students take MEJO 153 and MEJO 121 together.

<sup>2</sup> Not all of the courses may be offered every semester.

## Special Opportunities in Media and Journalism

### Honors in Media and Journalism

An honors program is available to students who have demonstrated their ability to perform distinguished work. Invitation to the senior-level honors courses (MEJO 691H and MEJO 692H) is based upon a grade point average of 3.5 or better in the major and 3.3 overall, recommendation by a faculty member in the school, and approval by the director of the honors program. Students successfully completing the program graduate with honors or with highest honors.

### Student Involvement

Students are encouraged to work on campus publications and programs such as *The Daily Tar Heel*, *Black Ink*, *Blue & White*, *The Siren*, *Synapse*, and the Her Campus Web site, among others. The school also offers a number of opportunities to gain professional experience including "Carolina Week," "Carolina Connection," "Sports Xtra," *The Durham VOICE*, Reese News Lab, and Heelprint Communications. Students are also encouraged to join appropriate professional organizations, including

campus chapters of the Society of Professional Journalists, American Advertising Federation, Public Relations Student Society of America, Carolina Association of Black Journalists (affiliated with the National Association of Black Journalists), Electronic News Association of the Carolinas, Society for News Design, National Press Photographers Association, Carolina Association of Future Magazine Editors, and SABEW.

### Internships

The school strongly encourages students to obtain internships because they provide invaluable professional experience. Reporting, advertising, photo and video journalism, graphic design, broadcast news, public relations, business, and other internships are possible. Majors can enroll in MEJO 393 to receive internship credit (one credit hour, repeatable three times). MEJO 393 fulfills the experiential education General Education requirement. The school's career services director oversees internship credit. MEJO 393 cannot be counted in the minimum of 39 credit hours required by the school, but it will count in the maximum of 48 credit hours allowed in media and journalism for graduation and in the total 120–credit hours required by the University. MEJO 153 is a prerequisite.

### Study Abroad

Students are encouraged to study abroad. In addition to the programs available to all students through the UNC Study Abroad Office, the school has its own study abroad exchanges with top media and journalism schools in Australia, Argentina, Chile, France, Hong Kong, London, and Spain. Students should consult with the school's study abroad advisor (located in Carroll Hall) to determine any media and journalism course credit prior to the study abroad term.

### Undergraduate Scholarships

Many special scholarships are available to media and journalism majors and to students transferring into the school. For information, see the school's Web site (<http://mj.unc.edu>) or write the senior associate dean of the school by December 1 for the following academic year.

### Undergraduate Research

Undergraduates participate in research through a research pool that assists faculty members in their research and creative activities, through independent studies with faculty members to work on specific projects, and through the school's honors program, which engages the student in substantive research that culminates in a thesis in the senior year.

## Business Journalism Major, B.A.

### Contact Information

**School of Media and Journalism**  
Visit Program Website (<http://www.mj.unc.edu>)  
Carroll Hall, CB# 3365  
(919) 962-1204

**Susan King, Dean**

**Charlie Tuggle, Senior Associate Dean for Undergraduate Studies**  
[catuggle@email.unc.edu](mailto:catuggle@email.unc.edu)

**Sharon Jones, Director, Student Services**  
[SHJONES@email.unc.edu](mailto:SHJONES@email.unc.edu)

Stock market swings on Wall Street, changes in how corporate America operates and is governed, and fluctuations in the United States and global economies have left many journalists and communication

professionals scrambling to improve their skills to cover such stories. The bachelor of arts with a major in business journalism teaches undergraduate students the concepts, skills, and techniques needed to report and write about such issues for media and journalism in the 21st century. It is the only such program in the University system and the only such undergraduate program at any public university east of the Mississippi River.

The School of Media and Journalism, in conjunction with the Kenan–Flagler Business School, created the major in business journalism to enable potential journalists and other communication professionals to address the growing need for understanding how markets and business work and the ability to explain these increasingly complex areas in a way that the average media consumer can understand. The program prepares undergraduate students for positions primarily in journalism but also in public relations and internal communications.

## Admission Requirements

Students must apply within the School of Media and Journalism. Applications will be accepted in the fall only. The earliest students may apply is the fall of their sophomore year. Because admission to the major is by application only, students should provisionally declare reporting as their intended specialization in the school with an advisor in the Academic Advising Program. To enter the program, students must be classified as a sophomore with a total of 45 or more completed hours the fall following their application and have a cumulative grade point average of 3.1.

Students must provide the following documents:

1. application
2. résumé
3. writing sample
4. 200-word statement explaining why they want to join the program
5. two letters of recommendation

## Department Programs

### Majors

- Media and Journalism Major, B.A. (p. 989)
- Business Journalism Major, B.A. (p. 992)

### Minor

- Media and Journalism Minor (p. 994)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 995)

### Graduate Programs

- M.A. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- Ph.D. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- M.A. in Technology and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)

## Student Learning Outcomes

Upon completion of the business journalism program, students should be able to:

- Understand and apply the principles and laws of freedom of speech and press
- Think critically, creatively, and independently
- Conduct research and evaluate information
- Write correctly and clearly early in students' career at the School of Media and Journalism
- Apply tools and technologies appropriate for the communications professions in which they work
- Demonstrate specific knowledge in a substantive area of the field

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
BUSI 101	Management Accounting	4
BUSI 403	Operations Management	3
BUSI 404	The Legal and Ethical Environment of Business	1.5
BUSI 408	Corporate Finance (BUSI 101 and ECON 101 are prerequisites)	3
MEJO 121	Introduction to Digital Storytelling	3
MEJO 141	Media Ethics	3
MEJO 153	Writing and Reporting	3
MEJO 340	Introduction to Media Law: Journalism Focus	3
MEJO 541	Economics Reporting	3
MEJO 542	Business Reporting	3
MEJO 550	Business and the Media	3
<b>Additional Requirements</b>		
At least two courses from:		4.5-6
BUSI 401	Management and Corporate Communication	
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	
BUSI 406	Marketing	
BUSI 407	Financial Accounting and Analysis	
BUSI 409	Advanced Corporate Finance <sup>H</sup>	
One course from the following:		3-4
MATH 152	Calculus for Business and Social Sciences	
MATH 231	Calculus of Functions of One Variable I <sup>1, H</sup>	
MATH 232	Calculus of Functions of One Variable II <sup>1, H</sup>	
STOR 112	Decision Models for Business	

STOR 113	Decision Models for Business and Economics	
STOR 155	Introduction to Data Models and Inference	3
ECON 101	Introduction to Economics <sup>H</sup>	3
State and local government and politics requirement. At least one course from the following:		3
POLI 101	State and Local Government in the United States <sup>H</sup>	
POLI 130	Introduction to Comparative Politics <sup>H</sup>	
POLI 150	International Relations and World Politics <sup>H</sup>	
POLI 202	The United States Supreme Court	
POLI 203	Race, Innocence, and the Decline of the Death Penalty	
Total Hours		49-51

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students receiving credit by examination for both MATH 231 and MATH 232 are exempt from this requirement.

Students must complete at least 21 credit hours with C grades or better in required MEJO courses, and at least 16 hours with C grades or better in required BUSI courses. Transfer students who receive 3.0 credit hours for BUSI 101 must still meet the 16 BUSI hours by taking an additional BUSI course of their choice.

In order to graduate, business journalism majors must achieve a score of at least 70 percent on the school's usage and grammar examination. Students have several opportunities to take the usage and grammar examination before they graduate.

To receive a bachelor of arts degree with a major in business journalism, students must complete at least 120 credit hours with a minimum 2.0 grade point average as required by the University.

Of the basic 120 hours for graduation at least 72 hours must be outside media and journalism. Within those 72 hours, at least 65 must be in the College of Arts and Sciences.

MEJO 393 will count in the maximum of 48 credit hours allowed in media and journalism for graduation and in the total 120 credit hours required by the University.

## Special Opportunities in Media and Journalism

### Honors in Media and Journalism

An honors program is available to students who have demonstrated their ability to perform distinguished work. Invitation to the senior-level honors courses (MEJO 691H and MEJO 692H) is based upon a grade point average of 3.5 or better in the major and 3.3 overall, recommendation by a faculty member in the school, and approval by the director of the honors program. Students successfully completing the program graduate with honors or with highest honors.

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Reese News Lab, and Heelprint Communications. Students are also encouraged to join appropriate professional organizations, including campus chapters of the Society of Professional Journalists, American Advertising Federation, Public Relations Student Society of America, Carolina Association of Black Journalists (affiliated with the National Association of Black Journalists), Electronic News Association of the Carolinas, Society for News Design, National Press Photographers Association, Carolina Association of Future Magazine Editors, and SABEW.

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### Study Abroad

Students are encouraged to study abroad. In addition to the programs available to all students through the UNC Study Abroad Office, the school has its own study abroad exchanges with top media and journalism schools in Australia, Argentina, Chile, France, Hong Kong, London, and Spain. Students should consult with the school's study abroad advisor (located in Carroll Hall) to determine any media and journalism course credit prior to the study abroad term.

### Undergraduate Scholarships

Many special scholarships are available to media and journalism majors and to students transferring into the school. For information, see the school's Web site (<http://mj.unc.edu>) or write the senior associate dean of the school by December 1 for the following academic year.

### Undergraduate Research

Undergraduates participate in research through a research pool that assists faculty members in their research and creative activities, through independent studies with faculty members to work on specific projects, and through the school's honors program, which engages the student in substantive research that culminates in a thesis in the senior year.

## Media and Journalism Minor

### Contact Information

**School of Media and Journalism**  
Visit Program Website (<http://www.mj.unc.edu>)  
Carroll Hall, CB# 3365  
(919) 962-1204

**Susan King, Dean**

**Charlie Tuggle, Senior Associate Dean for Undergraduate Studies**  
[catuggle@email.unc.edu](mailto:catuggle@email.unc.edu)

**Sharon Jones, Director, Student Services**  
[SHJONES@email.unc.edu](mailto:SHJONES@email.unc.edu)

Students from outside the school may earn a minor in media and journalism. Specializations in business journalism, advertising/public relations, and journalism are available. Participation is limited, and interested students must submit applications in the Records and Registration suite by January 15. Preference is given to sophomores.

## Department Programs

### Majors

- Media and Journalism Major, B.A. (p. 989)
- Business Journalism Major, B.A. (p. 992)

### Minor

- Media and Journalism Minor (p. 994)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 995)

### Graduate Programs

- M.A. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- Ph.D. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- M.A. in Technology and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Students must choose one of the following specializations and complete at least 15 credit hours with C grades or better in MEJO courses taken at UNC–Chapel Hill. Students are required to meet any prerequisite for the course they select.

Minors are not required to pass the school's usage and grammar exam.

### Business Journalism (6 courses)

Code	Title	Hours
MEJO 137	Principles of Advertising and Public Relations	3
or MEJO 253	Introduction to Public Affairs Reporting	
MEJO 141	Media Ethics	3
or MEJO 340	Introduction to Media Law: Journalism Focus	
MEJO 153	Writing and Reporting	3
MEJO 541	Economics Reporting	3
MEJO 542	Business Reporting	3
MEJO 550	Business and the Media	3
Total Hours		18

### Advertising/Public Relations

Code	Title	Hours
MEJO 137	Principles of Advertising and Public Relations	3
4 additional MEJO courses chosen from Level 1, Level 2, or Level 3 as listed in the major. <sup>1, 2</sup>		12
Total Hours		15

<sup>1</sup> MEJO 153 may substitute for one course.

<sup>2</sup> Level 1, Level 2, and Level 3 course lists are included in the Advertising/Public Relations Curriculum for the Media and Journalism major (p. 989).

### Journalism

Code	Title	Hours
MEJO 153	Writing and Reporting	3
or MEJO 252	Audio Journalism	
MEJO 141	Media Ethics	3
or MEJO 340	Introduction to Media Law: Journalism Focus	
3 additional MEJO courses chosen from Level 1, Level 2, or Level 3 as listed in the major. <sup>1</sup>		9
Total Hours		15

<sup>1</sup> Level 1, Level 2, and Level 3 course lists are included in the Journalism Curriculum for the Media and Journalism major (p. 989).

See the program page here (p. 989) for special opportunities.

## Certificate Programs in Media and Journalism

### Contact Information

**School of Media and Journalism**  
Visit Program Website (<http://www.mj.unc.edu>)  
Carroll Hall, CB# 3365  
(919) 962-1204

**Susan King, Dean**

**Charlie Tuggle, Senior Associate Dean for Undergraduate Studies**  
[catuggle@email.unc.edu](mailto:catuggle@email.unc.edu)

**Sharon Jones, Director, Student Services**  
[SHJONES@email.unc.edu](mailto:SHJONES@email.unc.edu)

A certificate signifying a concentration of three or more courses in a related field of study is noted on a student's transcript. A limited number of students (within and outside the school) are admitted to each program and guaranteed a seat in the required courses.

### Certificate in Sports Communication

The program, aimed at leading the nation in educating young practitioners about important issues of sports in the United States and beyond, provides courses about sports and the media, offers internships and scholarships for students, and brings visiting lecturers to the school. Students interested in applying to the program should contact the director of the sports communication program.



Code	Title	Hours
Complete three of the following five courses:		9
MEJO 129	Sports Xtra	
MEJO 376	Sports Marketing and Advertising	
MEJO 377	Sports Communication	
MEJO 455	Creative Sportswriting	
MEJO 476	Ethical Issues and Sports Communication	
Total Hours		9

## Certificate in Business Journalism

The certificate in business journalism is offered for students within and outside the school interested in a career in business reporting or editing as well as for students interested in careers in corporate communication and corporate advertising. Students interested in applying to the program should contact the director of the business journalism program. Students must complete three courses (nine credit hours) to receive the certificate.

Code	Title	Hours
MEJO 550	Business and the Media	3
MEJO 541	Economics Reporting	3
MEJO 542	Business Reporting	3
Total Hours		9

## Department Programs

### Majors

- Media and Journalism Major, B.A. (p. 989)
- Business Journalism Major, B.A. (p. 992)

### Minor

- Media and Journalism Minor (p. 994)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 995)

### Graduate Programs

- M.A. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- Ph.D. in Mass Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)
- M.A. in Technology and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext>)

# SCHOOL OF MEDICINE

WILLIAM L. ROPER, *Dean*

Stephen R. Hooper, *Associate Dean and Chair, Department of Allied Health Sciences*

Divisions of the Department of Allied Health Sciences in the UNC School of Medicine offer two professional majors to undergraduate students: the bachelor of science degree with a major in clinical laboratory science (p. 999) and the bachelor of science degree with a major in radiologic science (p. 1004). Students must apply for admission to these programs, usually in the sophomore year; admission is competitive. Following completion of the first two years' work in the University's General College, admitted students complete their final two years in clinical laboratory science or radiologic science.

In addition, the Division of Speech and Hearing Sciences offers a minor in speech and hearing sciences (p. 1007) for undergraduate students interested in pursuing a graduate degree in speech-language pathology or audiology.

## Divisions

- Clinical Laboratory Science (p. 997)
- Radiologic Science (p. 1002)
- Speech and Hearing Sciences (p. 1006)

## Majors

- Clinical Laboratory Science, B.S. (p. 999)
- Radiologic Science, B.S. (p. 1004)

## Minor

- Speech and Hearing Sciences (p. 1007)

## Division of Clinical Laboratory Science

### Contact Information

Division of Clinical Laboratory Science

Visit Program Website (<http://www.med.unc.edu/ahs/clinical>)

Suite 4100 Bondurant Hall, CB# 7145

(919) 966-3011

**Susan Beck, Director**

sbeck@med.unc.edu

## Introduction

Clinical laboratory science (CLS), also called "medical laboratory science," is the health profession that provides laboratory information and services needed for the diagnosis and treatment of disease. The field of clinical laboratory science combines many sciences, including microbiology, hematology, chemistry, and immunology. Clinical laboratory scientists perform a variety of laboratory tests, ensure the accuracy of the test results, explain the significance of laboratory test results, and evaluate new methods for laboratory tests. Some of the tests performed in the clinical laboratory are relatively simple. Others, such as DNA analysis and flow cell cytometry, are complex and require extensive education.

Examples of laboratory tests performed by clinical laboratory scientists include

- Detection of the abnormal cells that cause leukemia
- Analysis of cardiac enzyme activity released during a heart attack
- Identification of the type of bacteria causing an infection
- Analysis of the coagulation factors in cases of abnormal bleeding
- Detection of blood group antibodies that cause transfusion reactions
- Analysis of genetic markers for cystic fibrosis
- Typing patients for histocompatibility matches prior to transplantation

## Admission to the Program

A maximum of 20 students are chosen for admission each year. Students are selected on the basis of science and mathematics prerequisite courses, grades, a written application, interviews, and letters of recommendation. Successful completion of the prerequisite courses listed under the major does not guarantee admission to the program. Because enrollment is limited, students are encouraged to begin the application process early in the fall preceding the year of enrollment. The first deadline for completed applications is the second Tuesday in January. Completed applications received after that deadline will be considered for admission if positions are available in the program.

Students are subject to the requirements in place when they are admitted to this program; consequently, the requirements described in this catalog particularly apply to students admitted during the 2018–2019 academic year.

## Advising

First-year and sophomore students interested in the clinical laboratory science (CLS) major have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The director of the Division of Clinical Laboratory Science is available to meet with current and prospective majors by appointment (see contact information above). The Division of Clinical Laboratory Science provides academic advising for students who are enrolled in the program. Further information on the curriculum may be obtained from the division's Web site.

## Facilities

The laboratory facility for first-year clinical laboratory science courses includes individualized work areas with reagents, supplies, and laboratory instruments for students. In senior courses, students develop their skills in state of the art clinical laboratory facilities.

## Graduate School and Career Opportunities

Clinical laboratory science provides a basis for a broad range of future endeavors. Graduates with a B.S. degree in clinical laboratory science can elect to pursue further study in medicine, dentistry, veterinary medicine, business or management, hospital administration, computer science, education, clinical chemistry, clinical microbiology, immunology, or another laboratory science area. The Division of Clinical Laboratory Science also offers a master's degree in the clinical laboratory science–molecular diagnostic science track.

Clinical laboratory scientists are employed in hospital laboratories, commercial laboratories, physicians' office laboratories, research institutes, clinical trials, and forensic laboratories. Clinical laboratory scientists also may be employed as technical or sales representatives for

corporations. Graduates of the program are very successful on national certification exams and enjoy high employment rates. See the alumni section of the Web site for examples of careers in clinical laboratory science.

### Major

- Clinical Laboratory Science Major, B.S. (p. 999)

## Professors

Susan J. Beck, Vicky A. LeGrys.

## Assistant Professors

Lisa Cremeans, Tara Moon, Laine Stewart.

## CLSC—Clinical Laboratory Science

### Undergraduate-level

#### CLSC 150. Current Topics in Clinical Laboratory Medicine. 1 Credit.

A survey of topics in laboratory medicine including transfusions, forensic science, infectious diseases, and hematologic diseases.

**Grading status:** Pass/Fail.

### Advanced Undergraduate and Graduate-level

#### CLSC 410. Laboratory Mathematics. 1 Credit.

Permission of the instructor for nonmajors. Basic mathematical principles, calculations, quality assurance, and method validation relevant to the clinical laboratory.

**Grading status:** Letter grade.

#### CLSC 410L. Basic and Molecular Laboratory Methods. 2 Credits.

Majors only. Basic skills associated with the clinical laboratory including pipetting, spectrophotometry, standard curves, dilutions, and immunoassays. Molecular methods include small volume pipetting, microwell plating, nucleic acid extraction, and PCR techniques.

**Grading status:** Letter grade.

#### CLSC 420. Urinalysis and Body Fluids. 1 Credit.

Permission of the instructor for nonmajors. The physical, chemical, and microscopic analysis of body fluids in the clinical laboratory with an emphasis on correlation of laboratory data.

**Grading status:** Letter grade.

#### CLSC 420L. Urinalysis Laboratory. 1 Credit.

For clinical laboratory science majors only. The physical, chemical, and microscopic examination of urine with an emphasis on the correlation of laboratory data.

**Grading status:** Letter grade.

#### CLSC 430. Biochemistry. 3 Credits.

Permission of the instructor for nonmajors. Physiological biochemistry of the metabolic pathways and alterations in selected diseases. Also includes principles and applications of molecular techniques in the clinical laboratory.

**Grading status:** Letter grade.

#### CLSC 440. Hematology I. 2 Credits.

Permission of the instructor for nonmajors. Introduction to normal hematopoiesis, blood cell function and identification, hematologic tests, principles of hemostasis, and hemostasis disorders.

**Grading status:** Letter grade.

#### CLSC 440L. Hematology I Laboratory. 1 Credit.

Permission of the instructor for nonmajors. Basic clinical assays for identification and evaluation of erythrocytes, leukocytes, and platelets with an emphasis on microscopy. Also includes coagulation testing.

**Grading status:** Letter grade.

#### CLSC 442. Hematology II. 3 Credits.

Majors only. Hematologic disorders involving erythrocytes and leukocytes, with an emphasis on the analysis and interpretation of laboratory data.

**Grading status:** Letter grade.

#### CLSC 442L. Hematology II Laboratory. 1 Credit.

Majors only. Microscopic identification and evaluation of abnormal erythrocyte and leukocyte morphology, correlation with other laboratory data, and clinical interpretation.

**Grading status:** Letter grade.

#### CLSC 450. Immunology. 3 Credits.

Permission of the instructor for nonmajors. Basic immunology and serology. Innate and immune body defenses. The development and properties of cellular and humoral elements and their alterations in pathological and other conditions.

**Grading status:** Letter grade.

#### CLSC 460. Special Pathogens. 2 Credits.

Permission of the instructor for nonmajors. Study of clinically significant fungi, parasites, and atypical or unusual bacteria. Correlation of disease, disease transmission, mechanisms of pathogenicity, and diagnostic testing.

**Grading status:** Letter grade.

#### CLSC 460L. Parasitology and Mycology Laboratory. 1 Credit.

Permission of the instructor for nonmajors. Clinical laboratory diagnostic methods for human parasitic and fungal infections. Microscopic morphology of fungal organisms and parasites, including their various life cycle forms.

**Grading status:** Letter grade.

#### CLSC 462. Clinical Bacteriology. 3 Credits.

Majors only. Principles and practice of clinical bacteriology. Study of medically significant bacteria with correlation of human disease, mechanisms of bacterial pathogenicity, and laboratory diagnostics.

**Grading status:** Letter grade.

#### CLSC 462L. Clinical Bacteriology Laboratory. 2 Credits.

Majors only. A comprehensive course describing bacteria that infect humans. Correlation of diseases and pathological mechanisms of bacteria.

**Grading status:** Letter grade.

#### CLSC 470. Clinical Chemistry. 3 Credits.

Majors only. An introduction to the methods of analysis used in the clinical chemistry laboratory. Emphasis on the correlation of chemistry laboratory values with disease states.

**Grading status:** Letter grade.

#### CLSC 470L. Clinical Chemistry Laboratory. 2 Credits.

Majors only. Performance of clinical laboratory assays for significant biochemical molecules. Principles of analysis, quality control, method evaluation, and basic laboratory instrumentation are presented.

**Grading status:** Letter grade.

#### CLSC 480. Immunohematology. 3 Credits.

Majors only. Introduction to blood group serology with an emphasis on the major blood group systems, pretransfusion testing, and antibody identification.

**Grading status:** Letter grade.

**CLSC 480L. Immunohematology Laboratory. 2 Credits.**

Majors only. Laboratory techniques for red cell typing, antibody identification, and pretransfusion testing.

**Grading status:** Letter grade.

**CLSC 540L. Clinical Hematology Laboratory. 4 Credits.**

Majors only. Laboratory rotation in clinical hematology.

**Requisites:** Prerequisite, CLSC 440.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**CLSC 542L. Clinical Hemostasis Laboratory. 2 Credits.**

Majors only. Laboratory rotation in clinical coagulation.

**Requisites:** Prerequisite, CLSC 440.

**Grading status:** Letter grade.

**CLSC 550L. Clinical Immunology Laboratory. 1 Credit.**

Majors only. Laboratory rotation in clinical immunology.

**Requisites:** Prerequisite, CLSC 450.

**Grading status:** Letter grade.

**CLSC 560L. Clinical Microbiology Laboratory. 4 Credits.**

Majors only. Laboratory rotation in clinical microbiology.

**Requisites:** Prerequisite, CLSC 462.

**Grading status:** Letter grade.

**CLSC 570L. Clinical Chemistry Laboratory Rotation. 4 Credits.**

Majors only. Laboratory rotation in clinical chemistry.

**Requisites:** Prerequisite, CLSC 470.

**Grading status:** Letter grade.

**CLSC 580L. Clinical Immunohematology Laboratory. 4 Credits.**

Majors only. Laboratory rotation in clinical immunohematology.

**Requisites:** Prerequisite, CLSC 480.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**CLSC 582L. Clinical Transplantation Medicine Laboratory. 1 Credit.**

Majors only. Clinical rotation in histocompatibility, flow cytometry, and hematopoietic progenitor cell laboratories.

**Requisites:** Prerequisite, CLSC 480.

**Grading status:** Letter grade.

**CLSC 620. Clinical Laboratory Management. 2 Credits.**

Majors only. Foundation in the technical and nontechnical aspects of supervision and management of clinical laboratory testing.

**Grading status:** Letter grade.

**CLSC 630. Research Methods in Clinical Laboratory Science. 2 Credits.**

Majors only. An overview of the knowledge of research design and methods commonly used in the clinical laboratory research arena, providing the basis for the critical examination of professional literature.

**Gen Ed:** Cl.

**Grading status:** Letter grade.

**CLSC 650. Clinical Laboratory Science Laboratory Administration. 3 Credits.**

Foundation in the technical and nontechnical aspects of supervision and management of clinical laboratory testing.

**Grading status:** Letter grade.

**CLSC 670. Clinical Laboratory Science Educational Methods. 2 Credits.**

Majors only. Introduction to the basic principles of clinical laboratory education, including objectives, learning formats, test development, and clinical teaching.

**Repeat rules:** May be repeated for credit. 2 total credits. 1 total completions.

**Grading status:** Letter grade.

**CLSC 695. Undergraduate Research in Clinical Laboratory Science. 3 Credits.**

This mentored and self-directed course provides students with research experience in the clinical laboratory field. Students will apply knowledge of research methods to generate results and communicate results to others. This is a clinical laboratory science elective course. Seniors only.

**Requisites:** Prerequisite, CLSC 630 or CLSC 730.

**Grading status:** Pass/Fail.

## Clinical Laboratory Science Major, B.S.

### Contact Information

#### Division of Clinical Laboratory Science

Visit Program Website (<http://www.med.unc.edu/ahs/clinical>)

Suite 4100 Bondurant Hall, CB# 7145

(919) 966-3011

#### Susan Beck, Director

sbeck@med.unc.edu

Clinical laboratory science (CLS), also called "medical laboratory science," is the health profession that provides laboratory information and services needed for the diagnosis and treatment of disease. The field of clinical laboratory science combines many sciences, including microbiology, hematology, chemistry, and immunology. Clinical laboratory scientists perform a variety of laboratory tests, ensure the accuracy of the test results, explain the significance of laboratory test results, and evaluate new methods for laboratory tests. Some of the tests performed in the clinical laboratory are relatively simple. Others, such as DNA analysis and flow cell cytometry, are complex and require extensive education.

Admission (p. 997) to the program is required.

### Student Learning Outcomes

Upon completion of the Clinical Laboratory Science program, students should be able to:

- Perform and evaluate pre-analytical, analytical, and post-analytical procedures to ensure the quality of laboratory results
- Perform laboratory tests, analyze and verify results, and resolve common problems in all the major areas of the clinical laboratory
- Explain the principles and methods used in laboratory tests in all major areas of the clinical laboratory
- Explain the clinical significance of laboratory procedures in diagnosis and treatment of disease and maintenance of health
- Correlate information from different laboratory departments to verify results or resolve problems
- Evaluate patient results and suggest or select appropriate additional testing
- Determine the priority of laboratory requests and arrange the workload for optimal patient care and efficiency
- Obtain acceptable blood samples for laboratory tests using standard phlebotomy procedures
- Use quality assurance principles and practices to ensure the accuracy and reliability of laboratory information
- Perform preventive and corrective maintenance of equipment and instruments

- Use the principles of method evaluation to select new techniques and instruments
- Explain and apply the major principles and practices of laboratory administration, supervision, and budgeting
- Explain and apply principles of effective test utilization
- Comply with all standard safety regulations and monitor changes in safety regulations
- Use educational methods to present information and develop instructional materials
- Use computer systems to produce documents, research information, communicate with others, and enter and retrieve laboratory information
- Apply principles of management to the acquisition and evaluation of laboratory information systems
- Communicate effectively with laboratory personnel, other health care professionals, patients, and the public
- Demonstrate professional conduct and interpersonal skills with patients, laboratory personnel, other health care professionals, and the public
- Demonstrate ethical standards in all matters related to medical information and patient care

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The schedule of academic work for clinical laboratory science majors includes the following General Education requirements. Students must complete all Foundations and Approaches requirements and take at least five Connections courses, including global issues, experiential education, and U.S. diversity. In addition, the following prerequisite courses must be completed before entering the Clinical Laboratory Science program:

Code	Title	Hours
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
A second biology course (BIOL 202 is highly recommended)		3-4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	2
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
One of the following:		3-4

MATH 130	Precalculus Mathematics
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>
STOR 151	Introduction to Data Analysis
<hr/>	
Total Hours	21-23

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

After admission (p. 1002) to the CLS program, students take courses in all the major areas of clinical laboratory science including clinical chemistry, hematology, hemostasis, microbiology, transfusion medicine, and transplantation medicine. Senior students rotate through the clinical laboratories at UNC Hospitals and other laboratories in the state. They also take advanced courses in the clinical laboratory sciences. Honors contracts are available for students in the Honors program.

Code	Title	Hours
<b>Core Requirements</b>		
CLSC 410	Laboratory Mathematics	1
CLSC 410L	Basic and Molecular Laboratory Methods	2
CLSC 420	Urinalysis and Body Fluids	1
CLSC 420L	Urinalysis Laboratory	1
CLSC 430	Biochemistry	3
CLSC 440	Hematology I	2
CLSC 440L	Hematology I Laboratory	1
CLSC 442	Hematology II	3
CLSC 442L	Hematology II Laboratory	1
CLSC 450	Immunology	3
CLSC 460	Special Pathogens	2
CLSC 460L	Parasitology and Mycology Laboratory	1
CLSC 462	Clinical Bacteriology	3
CLSC 462L	Clinical Bacteriology Laboratory	2
CLSC 470	Clinical Chemistry	3
CLSC 470L	Clinical Chemistry Laboratory	2
CLSC 480	Immunohematology	3
CLSC 480L	Immunohematology Laboratory	2
CLSC 540L	Clinical Hematology Laboratory	4
CLSC 542L	Clinical Hemostasis Laboratory	2
CLSC 550L	Clinical Immunology Laboratory	1
CLSC 560L	Clinical Microbiology Laboratory	4
CLSC 570L	Clinical Chemistry Laboratory Rotation	4
CLSC 580L	Clinical Immunohematology Laboratory	4
CLSC 582L	Clinical Transplantation Medicine Laboratory	1
CLSC 620	Clinical Laboratory Management	2
CLSC 630	Research Methods in Clinical Laboratory Science	2
CLSC 670	Clinical Laboratory Science Educational Methods	2
<hr/>		
Total Hours		62

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create



a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

In the first and sophomore years, clinical laboratory science majors satisfy General Education requirements and take a basic science curriculum comparable to that of other science students. In the sophomore year, students apply for admission (p. 997) into the final two years of the program. Students in the UNC–Chapel Hill General College are required to satisfy all Foundations and Approaches requirements and take at least five Connections courses, including global issues, experiential education, and U.S. diversity courses.

The junior year includes courses that cover the principal areas of clinical laboratory science. Students also learn and practice laboratory techniques in a student laboratory. Senior students rotate through the clinical laboratories at UNC Hospitals and other laboratories in the state. They also take advanced courses in the clinical laboratory sciences.

The suggested course sequence for the required preclinical laboratory science courses at UNC–Chapel Hill is listed below. Transfer students receiving placement credit may have a slightly different sequence.

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (C- or better required)	4
ENGL 105	English Composition and Rhetoric	3
	Foreign language level 1	3
	One of the following:	3
	MATH 130 Precalculus Mathematics	
	MATH 231 Calculus of Functions of One Variable I <sup>H</sup>	
	STOR 151 Introduction to Data Analysis	
	Lifetime fitness	1
	Approaches (p. 27) course	3
	Hours	17
<b>Spring Semester</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H</sup>	4
	Foreign language level 2	3
	Approaches (p. 27)/Connections (p. 27) course	3
	Approaches (p. 27)/Connections (p. 27) course	3
	Hours	17
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	3
	CHEM 261 is not required but is recommended for students who have time in their schedules for additional science courses.	
	Foreign language level 3	3

Approaches (p. 27) and Connections (p. 27) courses		6
Hours		12
<b>Spring Semester</b>		
BIOL ---	Biology course (BIOL 202 strongly recommended)	4
BIOL 252 is not required but is recommended for students who have time in their schedules for additional science courses.		
Remaining Approaches (p. 27) and Connections (p. 27) courses		9
Hours		13
<b>Junior Year</b>		
<b>Fall Semester</b>		
CLSC 410 & 410L	Laboratory Mathematics and Basic and Molecular Laboratory Methods	3
CLSC 420 & 420L	Urinalysis and Body Fluids and Urinalysis Laboratory	2
CLSC 430	Biochemistry	3
CLSC 440 & 440L	Hematology I and Hematology I Laboratory	3
CLSC 450	Immunology	3
Hours		14
<b>Spring Semester</b>		
CLSC 442 & 442L	Hematology II and Hematology II Laboratory	4
CLSC 462 & 462L	Clinical Bacteriology and Clinical Bacteriology Laboratory	5
CLSC 470 & 470L	Clinical Chemistry and Clinical Chemistry Laboratory	5
CLSC 480 & 480L	Immunohematology and Immunohematology Laboratory	5
Hours		19
<b>Senior Year</b>		
Clinical Education: Senior clinical education takes place in UNC Hospitals' laboratories and other clinical laboratories in North Carolina. These laboratories are highly regarded in the field of laboratory medicine, and students have the opportunity to learn the most recent techniques in clinical laboratory science.		
Courses taken during fall or spring semester:		
CLSC 460	Special Pathogens	2
CLSC 460L	Parasitology and Mycology Laboratory	1
CLSC 540L	Clinical Hematology Laboratory	4
CLSC 542L	Clinical Hemostasis Laboratory	2
CLSC 550L	Clinical Immunology Laboratory	1
CLSC 560L	Clinical Microbiology Laboratory	4
CLSC 570L	Clinical Chemistry Laboratory Rotation	4
CLSC 580L	Clinical Immunohematology Laboratory	4
CLSC 582L	Clinical Transplantation Medicine Laboratory	1
CLSC 620	Clinical Laboratory Management	2
CLSC 630	Research Methods in Clinical Laboratory Science	2
CLSC 670	Clinical Laboratory Science Educational Methods	2
Hours		29
Total Hours		121

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Clinical Laboratory Science

### Departmental Involvement

Student ambassadors in the Department of Allied Health Sciences organize students' professional activities and social events. The CLS Service Society provides opportunities for students to work together to promote the CLS profession and provide services to the community.

### Experiential Education

Senior clinical courses provide a range of clinical laboratory experience in chemistry, hematology, hemostasis, microbiology, transfusion medicine, immunology, histocompatibility, and molecular testing.

### Certification

Upon successful completion of the clinical laboratory science curriculum, graduates receive the B.S. degree with a major in clinical laboratory science. A certificate also is awarded by the Division of Clinical Laboratory Science and the Department of Allied Health Sciences. Graduates of the program are eligible to take the national certification examination in medical laboratory science.

### Accreditation

The Clinical Laboratory Science Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720, Rosemont, IL, 60018-5119, (773) 714-8880, [www.naacls.org](http://www.naacls.org) (<http://www.naacls.org>).

### Undergraduate Awards

**Louise Ward Scholarships:** Three scholarships are awarded to clinical laboratory science students each year based on academic excellence, potential for success as a clinical laboratory science student and practitioner, and financial need.

Additional scholarships available to clinical laboratory science students include

- The Lanning-Taylor Scholarship, awarded to a senior clinical laboratory science student
- The Raleigh Pathology Laboratory Associates Scholarship, awarded to a junior or a senior student
- The WakeMed Health and Hospital Annual CLS Scholarship, awarded to a junior or senior student
- The Allene W. Alphin and Jesse C. Alphin Scholarships, awarded to two clinical laboratory science students

**Outstanding CLS Student:** Each year a clinical laboratory science senior is named as the outstanding student based on nominations from clinical and academic faculty members.

## Division of Radiologic Science

### Contact Information

#### Division of Radiologic Science

Visit Program Website (<http://www.med.unc.edu/ahs/radisci>)

Suite 3050 Bondurant Hall, CB# 7130

(919) 966-5147

#### Joy Renner, Director

[jrenner@med.unc.edu](mailto:jrenner@med.unc.edu)

## Introduction

The School of Medicine's radiologic science program is designed to prepare individuals for professional practice and associated responsibilities in the health specialty of medical imaging. Graduates provide patient assessment and care required for medical imaging procedures in addition to insuring that the highest quality imaging study is completed with the patient's radiation dose as a factor. In addition to diagnostic radiology, students may select other imaging modalities and practice areas for additional competence and training. These other areas include pediatrics, mammography, computed tomography, magnetic resonance imaging, vascular interventional radiology, and cardiac catheterization laboratory. The curriculum includes course discussions and projects on global health imaging issues and the potential for international experiences in medical imaging departments and programs abroad.

## Admission to the Program

Following completion of the first two years' work in the University's General College, students may be admitted to the professional major offered by the Department of Allied Health Sciences of the UNC School of Medicine. Students enrolled at other colleges and universities who are interested in transferring to the Chapel Hill campus following their sophomore year should contact the Office of Undergraduate Admissions and the Division of Radiologic Science early in their college career to assure proper planning and transferability of courses. Students are encouraged to begin the application process early in the fall semester preceding the year of intended enrollment. The program begins in Summer Session II each year. Transfer applications should be received in the Office of Undergraduate Admissions by the designated University deadline, which is usually early January.

Since enrollment in the major is limited, completion of the student's course of study in the General College does not guarantee a position in the professional class. Students should contact the Division of Radiologic Science in the fall semester preceding anticipated enrollment to receive admissions information. Student selections are made on a competitive basis with consideration given to academic achievement, character, both written and oral communication skills, and demonstrated interest in medical imaging as a professional career.

Students are subject to the requirements in place when they are admitted to this program; consequently, the requirements described in this catalog particularly apply to students admitted during the 2018–2019 academic year.

## Advising

First-year and sophomore students interested in the B.S. degree with a major in radiologic science have a primary academic advisor in Steele Building during the first two years of the degree program. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The director of the Division of Radiologic Science is available to meet with current and prospective majors by appointment (see contact information above). The division's faculty provides academic advising for students who are enrolled in the program. Further information on the curriculum may be obtained from radiologic science Web site (<http://www.med.unc.edu/ahs/radisci>).

## Facilities

The program has a state-of-the-art laboratory with digital imaging capabilities in the Burnett-Womack Building adjacent to the offices and

classroom building. The laboratory includes radiography and fluoroscopic equipment with digital imaging plate readers and software.

## Graduate School and Career Opportunities

The Division of Radiologic Science bachelor of science degree program provides a basis for further study. Additional clinical specializations are available in diagnostic medical sonography (ultrasound), nuclear medicine, and radiation therapy. Graduates may elect graduate studies in health physics, business and education, management, public health, and other health professions. The division offers a master's in radiologic science degree program for those students seeking advanced clinical practice as a radiologist assistant.

The clinical practice of medical imaging (radiologic technology) may include one or more of the specialty areas listed here, depending on professional preference and the type, size, and mission of the health facility where the technologist is employed: general radiography (such as orthopedics or pediatrics), vascular imaging, cardiac catheterization, computed tomography, and magnetic resonance imaging. Responsibilities and salaries vary according to the area and scope of practice.

Employment opportunities available in a variety of settings, in both rural and urban areas, include

1. more generalized practice in medium to small hospitals;
2. specialized clinical practice in a large hospital;
3. clinics and free-standing imaging centers, which may offer both special and general practice opportunities; or
4. clinical practice coupled with expanded responsibilities in quality control, service education, and supervision, particularly in a large hospital.

### Major

- Radiologic Science Major, B.S. (p. 1004)

## Professor

Jordan B. Renner.

## Associate Professor

Joy J. Renner.

## Assistant Professors

Kenya Haugen, Lauren Noble.

## Instructor

Melissa Culp.

## Professors Emeriti

Charles B. Burns, Janice C. Keene, Robert L. Thorpe.

## RADI–Radiologic Science

### Advanced Undergraduate and Graduate-level

#### RADI 432. Concepts and Perspectives in Radiologic Science. 1 Credit.

This overview of radiologic science encompasses patient care, imaging modalities for diagnosis and treatment, radiation protection, health care trends, and information management systems. Pass/Fail course.

**Grading status:** Pass/Fail.

#### RADI 442. Introduction to Radiologic Science. 3 Credits.

Majors only. Lectures, discussions, demonstrations, and laboratory exercises are combined to introduce topics including patient assessment, image characteristics, radiation protection, positioning skills, medical terminology, and the role of imaging sciences in health care.

**Grading status:** Letter grade.

#### RADI 461. Radiography I. 4 Credits.

Prepares students for standard radiography of upper extremities, lower extremities, axial skeleton, bony thorax, chest, abdomen, and the basic skull, considering pathologies and gross, radiographic, and cross-sectional anatomy. Three lecture hours and two laboratory hours.

**Requisites:** Prerequisites, AHSC 440 and RADI 442.

**Grading status:** Letter grade.

#### RADI 462. Radiographic Imaging I. 4 Credits.

An overview of radiographic imaging methods examining the imaging process as a sequence of events from x ray production through hard copy processing. The imaging equipment is discussed in terms of function, influence on the image, the impact of alteration on image characteristics, and compensation techniques for changes in the sequence. Three lecture hours and two laboratory hours.

**Requisites:** Prerequisites, AHSC 440 and RADI 442.

**Grading status:** Letter grade.

#### RADI 463. Clinical Education I. 4 Credits.

A clinical course focusing on the application and evaluation of radiography in the hospital setting. With supervision, the student develops clinical skills through observation and participation in radiographic procedures. Twenty practicum hours.

**Requisites:** Prerequisites, AHSC 440 and RADI 442.

**Grading status:** Letter grade.

#### RADI 465. FOUNDATIONS IN RAD THER. 4 Credits.

#### RADI 471. Radiography II. 3 Credits.

The course content prepares students for standard radiography of cranial bones, facial bones, and special cranial projections. Contrast studies include gastrointestinal, urinary, biliary, cardiovascular, and other special procedures. The course includes pathologies, and gross, radiographic, and cross-sectional anatomy. Two lecture hours and two laboratory hours.

**Requisites:** Prerequisite, RADI 461.

**Grading status:** Letter grade.

#### RADI 472. Radiographic Imaging II. 4 Credits.

A detailed study of specific elements of the radiographic process, with an emphasis on the interrelationships of the radiographic parameters, refinement of image analysis and problem-solving skills, and quality control testing for evaluating the performance of the radiographic equipment and accessories. Three lecture hours and two laboratory hours.

**Requisites:** Prerequisite, RADI 462.

**Grading status:** Letter grade.

**RADI 473. Clinical Education II. 4 Credits.**

A continuation of RADI 463 with emphasis on the application and evaluation of more complex radiographic studies. Twenty practicum hours.

**Requisites:** Prerequisite, RADI 463.

**Grading status:** Letter grade.

**RADI 574. Clinical Education III. 3 Credits.**

Under general supervision, the student will function at an increased level of responsibility in general diagnostic radiography in a variety of clinical settings outside of the university setting.

**Requisites:** Prerequisite, RADI 473.

**Grading status:** Letter grade.

**RADI 575. Clinical Education IV. 5 Credits.**

Under general supervision, the student will function at an increased level of responsibility in radiography in clinical settings outside of the university setting. The course includes a comprehensive review examination and case studies.

**Requisites:** Prerequisite, RADI 574.

**Grading status:** Letter grade.

**RADI 583. Clinical Education V. 4 Credits.**

A clinical course utilizing contract learning to provide students an opportunity to gain additional competency in specialized areas of radiology. Twenty-four education and independent study hours.

**Requisites:** Prerequisites, RADI 574 and 575.

**Grading status:** Letter grade.

**RADI 584. Clinical Education VI. 6 Credits.**

This course is a continuation of RADI 583 using learning contracts to allow students to explore and gain additional expertise in various areas of radiology. Twenty-four clinical hours.

**Requisites:** Prerequisite, RADI 583.

**Grading status:** Letter grade.

**RADI 585. Radiologic Health Physics. 3 Credits.**

A course in the physics of diagnostic radiology, including radiation effects on tissue, radiation detection and measurement, protection methods and techniques, and environmental radiation issues. Three lecture hours.

**Requisites:** Prerequisite, RADI 472; permission of the instructor for students lacking the prerequisite.

**Grading status:** Letter grade.

**RADI 586. Research in Radiologic Science I. 1 Credit.**

Majors only. The major part of the course is devoted to an investigative project on a discipline-related topic of student interest. Select issues affecting professional affairs of radiologic technologists are also included.

**Grading status:** Letter grade.

**RADI 591. Practicum in Radiologic Science. 4 Credits.**

This course offers an elective clinical experience in an area of student interest.

**Requisites:** Prerequisite, RADI 584.

**Grading status:** Letter grade.

**RADI 594. Professional Communications and Interactions. 3 Credits.**

Majors only. This course provides for a brief cognitive and skills approach to communication skills, the teaching/learning process, and methods and materials of instruction and delivery. Three lecture/discussion hours per week.

**Grading status:** Letter grade.

**RADI 597. Leadership in Radiologic Science. 3 Credits.**

Majors only. In this course students will analyze the theoretical literature on leadership and apply that knowledge in the analysis of various radiology environment situations. Three lecture hours.

**Grading status:** Letter grade.

**RADI 660. Pathophysiology. 3 Credits.**

Majors only. This course will enhance and integrate the student's knowledge of anatomy, physiology, and pathology related to all human body systems. Emphasis will be placed on understanding how structure, function, and disease are interrelated. Three lecture hours per week.

**Grading status:** Letter grade.

**RADI 662. Instrument and Imaging Methods. 4 Credits.**

**RADI 670. Integrated Principles of Radiographic Analysis. 4 Credits.**

This course involves students in situational problem solving and radiographic analysis. Integration of concepts and knowledge of anatomy, pathology, procedures, patient care, and imaging principles are emphasized. Four lecture hours.

**Requisites:** Prerequisite, RADI 660.

**Grading status:** Letter grade.

**RADI 672. Radiographic Imaging II. 4 Credits.**

A detailed study of specific elements of the radiographic process, with an emphasis on the interrelationships of the radiographic parameters, refinement of image analysis and problem-solving skills, and quality.

Three lectures hours and two laboratory hours.

**Grading status:** Letter grade.

**RADI 681. Trends in Medical Imaging Practices Issues in the Radiology Practice Environment. 3 Credits.**

Majors only. The course covers issues related to health care systems, medicolegal ethics, and practice and quality assurance. Three lecture hours per week.

**Grading status:** Letter grade.

**RADI 686. Research in Radiologic Science II. 2 Credits.**

Majors only. Students complete a research project involving a major clinical or policy issue in radiologic science. This course is an expansion of the fall semester research culminating in both a paper and presentation.

**Grading status:** Letter grade.

**RADI 694. Clinical Decisions in Radiology. 3 Credits.**

Majors only. This course involves the pharmacology of common radiology medications and advanced patient assessment techniques. With the additional knowledge and skills, students can make informed decisions regarding patient care. Three lecture hours.

**Grading status:** Letter grade.

## Radiologic Science Major, B.S.

### Contact Information

**Division of Radiologic Science**

Visit Program Website (<http://www.med.unc.edu/ahs/radisci>)

Suite 3050 Bondurant Hall, CB# 7130

(919) 966-5147

**Joy Renner, Director**

[jrenner@med.unc.edu](mailto:jrenner@med.unc.edu)

The School of Medicine's radiologic science program is designed to prepare individuals for professional practice and associated responsibilities in the health specialty of medical imaging. Graduates provide patient assessment and care required for medical imaging

procedures in addition to insuring that the highest quality imaging study is completed with the patient's radiation dose as a factor. In addition to diagnostic radiology, students may select other imaging modalities and practice areas for additional competence and training. These other areas include pediatrics, mammography, computed tomography, magnetic resonance imaging, vascular interventional radiology, and cardiac catheterization laboratory. The curriculum includes course discussions and projects on global health imaging issues and the potential for international experiences in medical imaging departments and programs abroad.

Admission (p. 1002) to the program is required.

## Mission

The radiologic science program prepares students to practice competently and effectively as medical imaging professionals in diverse healthcare environments with awareness of global health issues. The academic and clinical foundation in the curriculum develops graduates with professional flexibility and adaptability to assume prominent roles and responsibilities after graduation in both career and scholarly pursuits.

## Program Goals

- Develop competent, effective, medical imaging professionals
- Support development of skills necessary to practice in diverse healthcare environments and to acquire prominent roles in radiologic science
- Program curriculum, teaching methods, and philosophy promote development of integrative, critical thinking, and communication skills to include written, oral, and electronic discourse
- Graduates successfully pursue scholarly activities such as contributions to the profession and post-baccalaureate education
- Encourage global awareness of cultural and health care perspectives

## Student Learning Outcomes

Upon completion of the radiological sciences (B.S.) program, students should be able to complete the following goals and outcomes.

**(Goal one)** Obtain a level of clinical competence appropriate for an entry-level medical imaging professional.

Outcomes:

- Students will demonstrate accurate patient positioning techniques.
- Students will utilize radiographic exposure factors to optimize image quality and minimize patient dose.
- Students will practice radiation protection principles for patient and occupational safety.

**(Goal two)** Possess critical thinking skills to adapt to changing clinical environments and patient needs.

Outcomes:

- Students will adapt procedures based on patient needs and clinical situation limitations.
- Students will analyze images to assure diagnostic quality.

**(Goal three)** Exhibit professionalism through consistent, responsible, and ethical behavior.

Outcomes:

- Students will provide nondiscriminatory care for all patients.
- Students will demonstrate adherence to program policies and procedures.

**(Goal four)** Demonstrate effective communication skills.

Outcomes:

- Students will practice effective oral communication skills in the classroom and in the clinical setting.
- Students will demonstrate effective written communication skills.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog (p. 100).

The schedule of academic work for radiologic science (medical imaging) majors includes the following General Education requirements. Students must complete all Foundations and Approaches requirements and take at least five Connections courses, including global issues, experiential education, and U.S. diversity. In addition, the following specific requirements apply to students in the General College:

Code	Title	Hours
<b>Foundations quantitative reasoning requirement (select one):</b>		3-4
MATH 130	Precalculus Mathematics	
MATH 231	Calculus of Functions of One Variable I <sup>1, H</sup>	
<b>Six courses in the physical and life sciences</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H</sup>	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
	or BIOC 107 Introduction to Biochemistry	
<b>Select one option:</b>		8
PHYS 104 & PHYS 105	General Physics I and General Physics II	
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences	
PSYC 101	General Psychology	3
<b>Total Hours</b>		<b>26-27</b>



H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> MATH 231 is a prerequisite for PHYS 114 (see above). If By-Examination (BE) or transfer credit is awarded for PHYS 104 and PHYS 105, then MATH 130 may be used for the Foundations quantitative reasoning requirement. If students plan to take PHYS 114 at UNC–Chapel Hill, then MATH 231 is required for the Foundations quantitative reasoning requirement.

After admission (p. 1002) to the program, the curriculum in radiologic science includes courses in gross anatomy, pathophysiology, radiography, imaging methods, research, practice issues, and clinical practice. The first year of the program provides the foundation and skills for clinical practice and patient care in diagnostic radiography. The second year of the program builds on this foundation and enhances skills for career and practice advancement through communications, physics, and research. During the second year, the student elects areas of clinical concentration, such as magnetic resonance imaging, computed tomography, advanced diagnostic imaging, cardiac catheterization, and vascular/interventional imaging.

Code	Title	Hours
<b>Summer Session II (Junior Year)</b>		
AHSC 440	GROSS ANAT FOR AHS	3
RADI 442	Introduction to Radiologic Science	3
<b>Junior Year Fall Semester</b>		
RADI 461	Radiography I	4
RADI 462	Radiographic Imaging I	4
RADI 463	Clinical Education I	4
RADI 660	Pathophysiology	3
<b>Junior Year Spring Semester</b>		
RADI 471	Radiography II	3
RADI 472	Radiographic Imaging II	4
RADI 473	Clinical Education II	4
RADI 670	Integrated Principles of Radiographic Analysis	4
<b>Summer Session I and II (Senior Year)</b>		
RADI 574	Clinical Education III	3
RADI 575	Clinical Education IV	5
<b>Senior Year Fall Semester</b>		
RADI 583	Clinical Education V	4
RADI 585	Radiologic Health Physics	3
RADI 586	Research in Radiologic Science I	1
RADI 594	Professional Communications and Interactions	3
RADI 694	Clinical Decisions in Radiology	3
<b>Senior Year Spring Semester</b>		
RADI 584	Clinical Education VI	6
RADI 597	Leadership in Radiologic Science	3
RADI 681	Trends in Medical Imaging Practices Issues in the Radiology Practice Environment	3
RADI 686	Research in Radiologic Science II	2
Total Hours		72

## Special Opportunities in Radiologic Science

### Experiential Education

All of the clinical education courses provide students with the opportunity to gain competence and proficiency in all areas of radiologic science practice in a variety of clinical environments.

### Undergraduate Awards

Undergraduate students are considered for the Faculty Award for Excellence, the Award for Academic Excellence, and the Tina Robbins Award.

### Undergraduate Research

Students complete a two-semester research sequence leading to a project and paper during the senior year of the program and are encouraged to submit the research projects to state and national research competitions.

### Certification

Upon graduation, students are eligible to take the national certification examination from the American Registry of Radiologic Technologists in Radiography and in other clinical areas of expertise.

### Accreditation

The program leading to the B.S. degree with a major in radiologic science is fully accredited by the Joint Review Committee for Education in Radiologic Technology.

### Scholarships and Grants

Students in the Division of Radiologic Science are eligible for Phyllis Ann Canup Pepper Scholarships, the Dr. Jerry Lambiente Loyalty Fund Scholarship, the Rufus "Buddy" Clarke Loyalty Fund Scholarship, and the Jane Cox Hendrix Scholarships.

## Division of Speech and Hearing Sciences

### Contact Information

#### Division of Speech and Hearing Sciences

Visit Program Website (<http://www.med.unc.edu/ahs/sphs>)  
Suite 3100 Bondurant Hall, CB#7190  
(919) 966-1007

#### Dr. Sharon W. Williams, Director

shwillia@ad.unc.edu

### Introduction

Graduate study in speech and hearing sciences is concerned with the body of knowledge and scientific study that pertain to speech, language, hearing, balance, swallowing, and their disorders, and with professional, academic, and research activities in those areas. The Division of Speech and Hearing Sciences offers three graduate degrees: a master's (M.S.) in speech-language pathology, a professional doctorate (Au.D.) in audiology, and a research doctorate (Ph.D.) in speech and hearing sciences. A minor in speech and hearing sciences is available for undergraduate students at UNC–Chapel Hill who anticipate pursuing one or more of these graduate degrees.

## Advising

All students interested in a minor in speech and hearing sciences have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies will meet with current and prospective minors by appointment. (See contact information above.) Further information may be obtained from the division's Web site.

### Minor

- Speech and Hearing Sciences Minor (p. 1007)

### Graduate Programs

- M.S. in Speech and Hearing Sciences (<http://catalog.unc.edu/graduate/schools-departments/division-speech-hearing-sciences>)
- Ph.D. in Speech and Hearing Sciences (<http://catalog.unc.edu/graduate/schools-departments/division-speech-hearing-sciences>)

## Professors

Elizabeth R. Crais, Karen Erickson, John Grose, Melody Harrison, Jackson Roush.

## Associate Professors

Katarina Haley, Adam Jacks, Sharon W. Williams.

## Assistant Professor

Lindsey Byom.

## Research Professor

Linda Watson.

## Clinical Professor

Stephanie Sjoblad.

## Clinical Associate Professors

Lisa Dombay, Nancy McKenna, Brenda Mitchell, Martha Mundy.

## Clinical Assistant Professors

Philip Griffin, Patricia Johnson, Cara McComish, Hannah Siburt.

## SPHS–Speech and Hearing Sciences Undergraduate-level

**SPHS 196. Undergraduate Research Experience. 1-4 Credits.**

Supervised undergraduate directed research on communication science topics of mutual interest to the student and a faculty member.

**Repeat rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading status:** Letter grade.

## Advanced Undergraduate and Graduate-level

**SPHS 400. Autism in Our Communities: An Interdisciplinary Perspective. 3 Credits.**

Students have 30 hours of service-learning with individuals with autism at community partner sites. Class discussions introduce students to diverse topics related to autism spectrum disorder. This is an APPLES course.

**Gen Ed:** EE- Service Learning.

**Grading status:** Letter grade

**Same as:** EDUC 400.

**SPHS 530. Introduction to Phonetics. 3 Credits.**

A detailed study of the International Phonetic Alphabet with emphasis on the sound system of American English. Application of phonetics to problems of pronunciation and articulation. Includes broad and narrow phonetic transcription.

**Grading status:** Letter grade.

**SPHS 540. Speech Science. 3 Credits.**

Introduction to the science of speech, including production, acoustics, and perception.

**Grading status:** Letter grade.

**SPHS 570. Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms. 3 Credits.**

Anatomy and physiology of the speech producing and aural mechanisms.

**Grading status:** Letter grade.

**SPHS 582. Introductory Audiology I. 3 Credits.**

Theory and practice of the measurement of hearing, causative factors in hearing loss, evaluation of audiometric results, and demonstration of clinical procedures.

**Grading status:** Letter grade.

**SPHS 583. Introduction to Clinical Practice in Speech-Language Pathology and Audiology. 3 Credits.**

Introduction to diagnosis and treatment of communication disorders, including articulation, fluency, voice, and language, and those resulting from autism and hearing loss.

**Grading status:** Letter grade.

## Speech and Hearing Sciences Minor Contact Information

**Division of Speech and Hearing Sciences**

Visit Program Website (<http://www.med.unc.edu/ahs/sphs>)

Suite 3100 Bondurant Hall, CB#7190

(919) 966-1007

**Dr. Adam Jacks, Coordinator of Undergraduate Studies**

[adam\\_jacks@med.unc.edu](mailto:adam_jacks@med.unc.edu)

**Dr. Sharon W. Williams, Director**

[shwillia@ad.unc.edu](mailto:shwillia@ad.unc.edu)

Admission to the minor is competitive by application. Undergraduate students have the option of taking these courses without declaring a minor; however, students in the minor will have priority for registration. For students interested in pursuing graduate study, additional coursework is highly recommended, including courses in biological science, physical science, social/behavioral science, developmental bases of communication, and statistics. Detailed information on the application process and preprofessional coursework can be found on

the division's Web site (<http://www.med.unc.edu/ahs/sphs/for-unc-undergraduates>).

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC–Chapel Hill
- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (p. 100).

Code	Title	Hours
<b>Core Requirements</b>		
SPHS 530	Introduction to Phonetics	3
SPHS 540	Speech Science	3
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3
SPHS 582	Introductory Audiology I	3
SPHS 583	Introduction to Clinical Practice in Speech-Language Pathology and Audiology	3
Total Hours		15

The minor in speech and hearing sciences consists of five courses. Each course is offered only once per year; students interested in the minor are encouraged to enroll in the introductory course (SPHS 583) early in the sequence and in speech science (SPHS 540) last in the sequence.

# SCHOOL OF NURSING

## Contact Information

### School of Nursing

Visit Program Website (<http://nursing.unc.edu>)

Carrington Hall, CB# 7460

(919) 966-4260

### Nilda Peragallo Montano, Dean and Professor

[npm@email.unc.edu](mailto:npm@email.unc.edu)

### Anita Tesh, Assistant Dean, Undergraduate Division & Program

[astesh@email.unc.edu](mailto:astesh@email.unc.edu)

### Katherine Moore, Assistant Dean, Student Affairs

[mooreka@email.unc.edu](mailto:mooreka@email.unc.edu)

## Introduction

The School of Nursing at the University of North Carolina at Chapel Hill is nationally recognized as one of the premier nursing schools in the United States. With a trifold mission of excellence in nursing education, research, and service, the School of Nursing offers a full complement of nursing education programs, including bachelor's and master's of science in nursing, an R.N.–M.S.N. option, a post-master's program, a doctor of nursing practice, and a Ph.D. program, as well as pre- and postdoctoral fellowships. Since its inception in 1950, the school has led nursing education in North Carolina, and today boasts one of the highest nationwide passing rates on the NCLEX licensure examination and a rich tradition of cutting-edge nursing science. The School of Nursing is one of only a handful of schools in the country to house a Biobehavioral Laboratory for the promotion of nursing discovery, and one of only three schools in the nation to be selected to participate in the Hillman Scholars Program for Nursing Innovation.

## Program of Study

The School of Nursing at the University of North Carolina at Chapel Hill offers an undergraduate program of study designed to provide students with the knowledge, skill, and understanding necessary to function effectively in all areas of professional nursing. The curriculum leading to the bachelor of science in nursing (B.S.N.) degree offers two options for study:

1. two years of upper-division courses in the School of Nursing, which follow two years of lower-division courses in the General College (or equivalent courses completed at another college/university) OR a previously earned bachelor's degree plus the noted prerequisites (B.S.N. Option); and
2. an accelerated second degree option for students with a previous bachelor's degree (A.B.S.N. Option).

Students are subject to the requirements in place when they are admitted to the School of Nursing; consequently, the requirements described in this bulletin particularly apply to students admitted to the School of Nursing during the 2018–2019 academic year.

Admission (p. ) to the program is required.

## Advising

All first degree students intending to major in nursing have a primary academic advisor in Steele Building. Students are strongly encouraged to

meet regularly with their advisor to learn the latest course requirements necessary to become an outstanding candidate for a career in nursing, and to review their Tar Heel Tracker each semester. In addition, students can visit the Health Professions Advising Office (second floor, Hanes Hall) soon after entering the University for specific guidance on career preparation. Advising information, advising hours, and information about joining the pre-health listserv may be found on the office's Web site (<http://careers.unc.edu/students/pre-professional-pre-graduate-advising/pre-health>).

## Facilities

The School of Nursing is located in Carrington Hall. The Education-Innovation-Simulation Learning Environment (EISLE) provides undergraduate students with a simulated clinical environment in which to practice and acquire fundamental psychomotor and psychosocial skills necessary for clinical application. Under the close supervision of nursing faculty and teaching assistants, students learn therapeutic techniques and procedures, utilize problem-solving approaches, and prioritize patient care in simulated situations.

## Graduate School and Career Opportunities

The school offers a master of science in nursing (M.S.N.), a doctor of nursing practice (D.N.P.) degree in five advanced practice areas, and a Ph.D. degree in nursing science. B.S.N. graduates may pursue the M.S.N. or D.N.P. after one year of clinical practice, or they may pursue the Ph.D. directly following the B.S.N., prior to completion of any master's-level coursework. For further information on the graduate program, contact the Office of Student Affairs as noted below or see the school Web site (<http://nursing.unc.edu>).

The school works closely with University Career Services to prepare all B.S.N. graduates for the transition from student to professional practitioner. A preparatory career development series and career fair are offered annually. Additionally, the school cooperates with clinical agencies across the country to make available to students an array of information on employment opportunities in a myriad of settings and entry-level roles.

## Requirements Lower-Division Courses in the General College

Students are admitted to the baccalaureate nursing program at the upper-division level. All lower-division courses must be completed before beginning nursing courses. Lower-division courses taken at another college or university must be approved for transfer by the UNC–Chapel Hill Office of Undergraduate Admissions as comparable to the courses offered on this campus. Prospective students can request an unofficial transfer evaluation to determine the status of compliance with lower-division requirements. The unofficial transfer evaluation request form (<https://nursing.unc.edu/academic-programs/bsn/who-can-apply/transcript-evaluation>) should be attached to copies of all United States college transcripts and sent to the UNC–Chapel Hill School of Nursing address on the form.

All students must meet the Foundations and Approaches requirements outlined elsewhere in this catalog. Note: second degree applicants may meet either the global issues or U.S. diversity prerequisite. For nursing students, these requirements must include the following courses: Nursing students also must satisfy the following Connections requirements: global issues\*, U.S. diversity\*, and at least two others, bringing the total credit hours required of B.S.N. applicants to 68. Special

Note: Applicants must complete the two-course combination, Anatomy and Physiology I and Anatomy and Physiology II sequence from the same college/university, OR a complete course in anatomy and a complete course in physiology. If these courses are not completed on this campus, they must be approved equivalents to the courses offered at UNC–Chapel Hill.

## First Degree Applicants

Students seeking a first bachelor's degree are admitted to the upper-division (junior/senior) B.S.N. (six-semester) option, typically in the spring semester of the sophomore year. Students must complete all lower-division (first-year/sophomore) courses prior to matriculating into the School of Nursing. The first nursing courses begin in the first summer session (May) preceding the junior year.

### Admission Criteria

Admission to the School of Nursing is competitive. The minimum cumulative grade point average for admission to the B.S.N. option is a 2.8 on a 4.0 scale. Admission to UNC–Chapel Hill as a first-year student or sophomore transfer does not guarantee admission to the School of Nursing as a junior. Applicants must be eligible to return to all institutions previously attended.

At the time of application, applicants to the B.S.N. option must have completed at least three of the five key science courses within the past five years. The key science courses are:

Code	Title	Hours
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>1,2</sup>	4
MCRO 251	Introductory Medical Microbiology <sup>1</sup>	4
PHYI 292	Introduction to Physiology <sup>1,2</sup>	5
PSYC 101	General Psychology <sup>3</sup>	3
One course from the following:		3
STOR 151	Introduction to Data Analysis <sup>3</sup>	
STOR 155	Introduction to Data Models and Inference <sup>3,4</sup>	

<sup>1</sup> A grade of B- or better is required.

<sup>2</sup> Applicants may choose to take the following course combination instead of BIOL 252/252L and PHYI 292:  
BIOL 252 & 252L and BIOL 253 & 253L: Fundamentals of Human Anatomy and Physiology with Lab and Advanced Human Anatomy and Physiology with Lab

<sup>3</sup> A grade of C or better is required.

<sup>4</sup> STOR 155 is strongly recommended for students interested in graduate study.

The admissions committee critically evaluates each applicant's academic performance, descriptive essays, community service history, and special skills and abilities that have the potential to affect care delivery or contribute overall to the nursing profession. The ideal applicant will clearly demonstrate a strong academic history as well as a commitment to the ideology of nursing and service to others. Performance in required science courses is particularly important.

## Second Degree Applicants

Students who have completed a bachelor's degree in a subject other than nursing may pursue admission to the B.S.N. (six-semester) option OR the more accelerated and intensive A.B.S.N. (four-semester) option. Second

degree students will have 60 credit hours from their previous degree counted toward the B.S.N. degree. Applicants have to complete (or verify completion as part of their previous degree) only six courses from the lower-division requirements:

Code	Title	Hours
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>1,2</sup>	4
MCRO 251	Introductory Medical Microbiology <sup>1</sup>	4
PHYI 292	Introduction to Physiology <sup>1,2</sup>	5
PSYC 101	General Psychology <sup>3</sup>	3
One course from the following:		3
STOR 151	Introduction to Data Analysis <sup>3</sup>	
STOR 155	Introduction to Data Models and Inference <sup>3,4</sup>	
a U.S. diversity or global issues Connections (p. 27) course		3

<sup>1</sup> A grade of B- or better is required.

<sup>2</sup> Applicants may choose to take following course combination instead of BIOL 252/252L and PHYI 292:  
BIOL 252 & 252L and BIOL 253 & 253L: Fundamentals of Human Anatomy and Physiology with Lab and Advanced Human Anatomy and Physiology with Lab

<sup>3</sup> A grade of C or better is required.

<sup>4</sup> STOR 155 is strongly recommended for students interested in graduate study.

Note: Effective January 2018 matriculation (August 2017 application deadline), A.B.S.N. applicants must also have completed the following courses prior to starting the program. A minimum grade of C is required and the courses must have been taken within five years of matriculation.

- Human Nutrition (e.g., NUTR 240 Introduction to Human Nutrition)

- Human Growth and Development or Developmental Psychology (must cover human development from conception through death)

### Admission Criteria

Admission to the School of Nursing is competitive. The minimum cumulative grade point average for admission to the B.S.N. option is a 2.8 on a 4.0 scale, and the minimum cumulative grade point average for the A.B.S.N. option is a 3.0 on a 4.0 scale. All applicants seeking admission as second degree students must have earned the first degree prior to submitting the nursing application. Applicants must be eligible to return to all institutions previously attended. At the time of application, applicants to the A.B.S.N. option must have completed **all** five key science courses noted above, while applicants to the B.S.N. option must have completed at least three of these courses. The key science courses must have been completed within the past five years. See grade requirements above. The admissions committee review is as described previously.

## Application

Applications for the B.S.N. option may be submitted by the December deadline for summer (May) matriculation, while applications to the A.B.S.N. option may be submitted by the August deadline for spring (January) matriculation. All first and second degree applicants, including current UNC–Chapel Hill students, must complete the electronic nursing application. The application link, instructions, deadlines, and decision



timeframe can be found on the School of Nursing Web site (<https://nursing.unc.edu/academic-programs/bsn/apply>).

### Major

- Nursing Major, B.S.N. (p. 1014)

### Graduate Programs

- D.N.P. in Nursing (<http://catalog.unc.edu/graduate/schools-departments/nursing/#programstext>)
- M.S.N. in Nursing (<http://catalog.unc.edu/graduate/schools-departments/nursing/#programstext>)
- Ph.D. in Nursing (<http://catalog.unc.edu/graduate/schools-departments/nursing/#programstext>)

## Professors

Ruth Anderson, Linda Beeber, Diane Berry, Donna Havens, Cheryl Jones, George Knafl, Kathleen Knafl, Mary Lynn, Barbara Mark, Deborah Mayer, Mary H. Palmer, Gwen Sherwood, Suzanne Thoyre, Marcia Van Riper, Margaret Wilmoth, SeonAe Yeo.

## Associate Professors

Anna Beeber, Beth Black, Cheryl Giscombe, Eric Hodges, Coretta Jenrette, Shawn Kneipp, Jennifer Leeman, Sheila Santacroce, Lixin Song, Anita Tesh, Debbie Travers, Hugh Waters, Jia-Rong Wu.

## Assistant Professors

Jada Brooks, Saif Khairat, Ashley Leak Bryant, Hudson Santos, Mark Toles, Jessica Williams, Jessica Zegre-Hemsey.

## Research Associate Professors

Jamie Crandell, Todd Schwartz.

## Clinical Professors

Carol Durham, Beverly Foster, Theresa Raphael-Grimm, Victoria Soltis-Jarrett, Julee Waldrop.

## Clinical Associate Professors

Tom Bush, Jennifer D'Auria, Jean Davison, Janna Dieckmann, Noreen Esposito, Carolyn McKenzie, Laura McQueen, Sonda Oppewal, Shilda Rodgers, Meg Zomorodi.

## Clinical Assistant Professors

Jennifer Alderman, Irene Bihl, Diane Caruso, Marianne Cockroft, Amanda Brinson Davis, Suja Davis, Dusty Dix, Louise Fleming, Patricia Gingrich, Elaine Harwood, Nancy Havill, Jill Forcina Hill, Grace Hubbard, Sara Hubbell, Ann Jessup, Maureen Kelly, Rebecca Kitzmiller, Rhonda Lanning, Christina Leonard, Vicki Lester, Regina McCarthy, Katherine Moore, Betty Nance-Floyd, Ann O'Hale, Julianne Page, Carrie Palmer, Susan Pelliccio, Katherine Peppers, Cecelia Roscigno, Mary Schuler, Mary Charles Sutphin, Virginia Tysinger, John Valgus, Julie Jacobson Vann, Jennie Wagner, Joan Williams, Megan Williams, Lisa Woodley.

## Clinical Instructors

Maureen Baker, Abu Bangura, Peter Benninger, Rita Bergevin, Andrea Biondi, Maggie Blakemore, Megan Brissie, Tonya Carter, Su Cartmell, Claudia Christy, Rachell Davis, Hannah Dodson, Kelly Doyle, Eugene Farrug, Shannon Ford, Danielle Fried, Erika King Gales, Michael Goley,

Katherine Griffith, Malgorzata Guzowska, Ted Heiser, Margaretann House, Sana Irons, Tarshe Johnson, Ashley Kellish, Julie Lewis, Darci McClary, Leigh Mullen, Kayj Okine, Valerie Parker, Megan Randall, Megan Ross, Julia Rodgers, Leslie Sharpe, Kathryn Smith, Deborah Stirdivant, Elizabeth Stone, Elizabeth Trianni, Karen Valcheff, Tracy Vernon-Platt, Thanh (Jennifer) Walker, John Wendell, Esther Willcox, Cara Winstead, Elaine Youngman.

## NURS–Nursing Undergraduate-level

### NURS 253. Individual Development across the Lifespan. 2 Credits.

Majors only. This course emphasizes a lifespan approach to theories and perspectives on individual growth and development. Content focuses on physical, cognitive, and socioemotional development, and risk factors from birth to death.

**Grading status:** Letter grade.

### NURS 254. Discipline of Nursing I. 1 Credit.

Majors only. This course introduces the discipline, profession, and practice of nursing through a study of history, values, culture, legal issues, and education. Critical thinking central to nursing practice is introduced.

**Grading status:** Letter grade.

### NURS 261. Nursing Role in Normal Nutrition. 2 Credits.

Majors only. This course involves the nursing application of nutritional concepts to the care of individuals, families, groups, and populations across the life span.

**Grading status:** Letter grade.

### NURS 360. Concepts, Processes, and Skills for Evidence-Based Nursing. 4 Credits.

Majors only. The course introduces fundamentals of nursing practice and integrates the nursing process with emphasis on the application of evidenced-based practice. The role of the nurse as a member of the healthcare team is emphasized. The lab setting provides practical application of principles and skills required for clinical practice.

**Grading status:** Letter grade.

### NURS 361. Pathophysiology. 3 Credits.

Majors only. This course is concerned with alterations involved in disruptions of normal physiology as well as pathophysiological principles underlying therapeutic interventions and outcomes.

**Grading status:** Letter grade.

### NURS 362. Pharmacology across the Lifespan. 3 Credits.

Majors only. Using the science of pharmacology and pharmacologic principles underlying therapeutic interventions, this course focuses on an introduction to nursing responsibilities regarding pharmacologic therapy across the lifespan.

**Grading status:** Letter grade.

### NURS 364. Nursing Care of Adults with Major Health Problems, I. 6 Credits.

Majors only. This is the first of two adult health courses in which students apply critical thinking skills to nursing care of adults with major health problems.

**Requisites:** Prerequisites, NURS 253, 261, 361, and 366. Corequisites, NURS 360 and 362.

**Grading status:** Letter grade.

**NURS 366. Health Assessment. 3 Credits.**

Majors only. This course addresses concepts and methods of comprehensive health assessment of children, adults, and elders. Emphasis will be on data collection as a basis for initiation of caring and decision making in nursing practice.

**Grading status:** Letter grade.

**NURS 369. Physical Assessment. 3 Credits.**

Admission to the RN-BSN option or permission of the instructor. This course expands the student's previous knowledge base of the skills and principles of historical, psychological, and physical assessment and identifies these data as the basis for nursing care.

**Grading status:** Letter grade.

**NURS 371. Nursing Inquiry and Evidence-Based Practice. 3 Credits.**

Pre- or permission of the instructor for students lacking the prerequisite. Students are introduced to key concepts of evidence-based nursing practice, including the research process, protection of human subjects, and retrieval and appraisal of evidence to maintain a scientifically sound practice.

**Requisites:** co-requisite, NURS 364;

**Grading status:** Letter grade.

**NURS 377. Research in Nursing Practice. 3 Credits.**

Majors only. This course introduces components of the research process with application to the theory and practice of nursing. The course provides the foundation for master's-level nursing research course.

**Grading status:** Letter grade.

**NURS 379. Leadership in Nursing Practice. 3 Credits.**

Majors only. Students will examine health care organizations from a systems perspective and develop leadership skills necessary in professional practice.

**Grading status:** Letter grade.

**NURS 382. Family-Centered Genomic Health Care. 1 Credit.**

Majors only. This course explores essential competencies in genetics and genomics for registered nurses. The learner gains knowledge about family assessment and the impact of genomic issues on individuals and families.

**Grading status:** Letter grade.

**Advanced Undergraduate and Graduate-level****NURS 456. Discipline of Nursing II. 2 Credits.**

Majors only. This course emphasizes professional development through exploration of a variety of roles and practice environments. Students analyze personal and professional goals and values to develop a framework for nursing practice.

**Requisites:** Prerequisites, NURS 254 and at least one of the following: NURS 470, 472, 477, or 479.

**Repeat rules:** May be repeated for credit. 2 total credits. 1 total completions.

**Grading status:** Letter grade.

**NURS 470. Public Health Nursing. 5 Credits.**

Majors only. Students apply public health concepts to community practice to improve health and reduce disparities across the lifespan, emphasizing interventions using partnership strategies at individual/family, organizational, and policy levels.

**Requisites:** Prerequisites, NURS 364 and 371. Co-requisites, NURS 472, 477, or 479.

**Grading status:** Letter grade.

**NURS 472. Nursing Care of Infants, Children, and Their Families. 5 Credits.**

Majors only. Nursing care of infants, children, and their families is explored. Knowledge from a variety of disciplines is applied through the nursing process to the direct care of infants and children.

**Requisites:** Prerequisite, NURS 364.

**Grading status:** Letter grade.

**NURS 477. Psychiatric Mental Health Concepts for Broad Clinical Application in Nursing. 5 Credits.**

Majors only. Using theories of psychosocial development, psychopathology, therapeutic communication, and psychotherapy, this course requires students to examine the range and complexities of human emotional suffering and methods of effective intervention.

**Requisites:** Prerequisites, NURS 253, 361, and 362. Corequisites, NURS 364 and 382.

**Grading status:** Letter grade.

**NURS 479. Maternal/Newborn Nursing. 5 Credits.**

Majors only. The course focuses on application of caring and critical thinking skills in providing evidence-based nursing care to childbearing families.

**Requisites:** Prerequisite, NURS 364.

**Grading status:** Letter grade.

**NURS 487. Practicum in Nursing: Work-Study Experience. 3 Credits.**

Certification as Nurse Aide I and II also required as pre- or corequisite.

Majors only. This course provides the student an opportunity to participate in a work-study experience in participating health care agencies. Students participate in a reflective experience that integrates classroom and experiential learning.

**Requisites:** Prerequisites, NURS 254 and 364.

**Grading status:** Letter grade.

**NURS 488. Practicum in Nursing: Health Services Improvement Work Experience. 3 Credits.**

Majors only. Certification as a Nurse Aide I and Nurse Aide II are recommended. Practice in health care settings is the course focus. Students participate in a reflective experience that provides the context to integrate classroom and experiential learning into an evolving professional identity.

**Requisites:** Prerequisites, NURS 254 and 364.

**Grading status:** Letter grade.

**NURS 489. Practicum in Nursing: Global Health Experience. 3 Credits.**

Majors only. Certifications as a Nurse Aide I and Nurse Aide II are recommended. Practice in global health care settings is the course focus. Students participate in a reflective experience that provides the context to integrate classroom and experiential learning into an evolving professional identity.

**Requisites:** Prerequisites, NURS 254, 364, and two of the following: NURS 470, 472, 477, 479, 591.

**Grading status:** Letter grade.

**NURS 491. Improving Nursing Practice: Application of Concepts, Theories, and Research. 3 Credits.**

Majors only. This course emphasizes analysis of clinical problems that affect the nursing care of selected populations. Students also apply the nursing process, therapeutic communication skills, and teaching-learning principles in clinical situations.

**Grading status:** Letter grade.

**NURS 492. Conceptual Bases of Professional Nursing Practice. 3 Credits.**  
Majors only. Selected concepts, theories, and models are synthesized, appraised, and applied as a basis for making judgments and decisions in nursing practice.

**Grading status:** Letter grade.

**NURS 494. Community Health Nursing for the Public's Health. 3-6 Credits.**

Majors only. Prepares R.N. students for population-focused practice in community health nursing. Analyses and applications of selected theories; health promotion/protection and disease prevention strategies are emphasized.

**Grading status:** Letter grade.

**NURS 496. Advanced Practicum in Nursing. 1-3 Credits.**

Majors only. The focus of this course is the development of knowledge and experience related to research or service learning and its application to the practice of nursing and health care.

**Repeat rules:** May be repeated for credit.

**Grading status:** Letter grade.

**NURS 497. Preparation for Professional Practice. 1 Credit.**

Seniors only or permission of the instructor. This course will assist students in preparation for the NCLEX-RN examination through a strategic and systematic individualized plan of study that utilizes the ATI program and other relevant resources. Limited enrollment.

**Repeat rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading status:** Letter grade.

**NURS 585. Alternative Paradigms for Nursing Practice. 3 Credits.**

Majors only. Concepts and principles underlying biomedical and biopsychosocial approaches to health care delivery are analyzed to determine their impact on health and to provide a framework for integrating both approaches to care.

**Grading status:** Letter grade.

**NURS 586. Contemporary Issues in Nursing Practice. 3 Credits.**

Majors only. The context of professional nursing practice will be analyzed from a social, economic, and policy perspective. Analysis will include projections for the future of the profession.

**Grading status:** Letter grade.

**NURS 588. Leadership in Health Care Organizations. 4 Credits.**

Majors only. This course explores organizational leadership and management practices and theories. Current social, economic, legal, ethical, and policy issues affecting practice, education, and the profession of nursing are examined.

**Requisites:** Prerequisites, NURS 364, 371, and 487 or 489, and 472 or 477 or 479. Corequisite, NURS 488.

**Grading status:** Letter grade.

**NURS 591. Nursing Care of Adults with Major Health Problems, II. 8 Credits.**

Majors only. This senior-level course focuses on applying critical thinking, clinical decision making, and evidence-based nursing practice to complex health problems of adults. Unique health needs of older adults are addressed.

**Requisites:** Prerequisites, NURS 364 and 371; co-requisite, NURS 456.

**Gen Ed:** EE- Field Work.

**Grading status:** Letter grade.

**NURS 600. SHAC: Student Health Action Coalition. 0 Credits.**

This course provides service-learning opportunities to apply nursing practice within the context of interprofessional care for vulnerable populations by participating with Student Health Action Coalition (SHAC) activities.

**Repeat rules:** May be repeated for credit. 0 total credits. 8 total completions.

**Grading status:** Pass/Fail.

**NURS 607I. Interprofessional Team Work and Communication - Key to Patient Safety. 3 Credits.**

Majors only. This interprofessional course focuses on understanding roles, teamwork, and communication to improve patient safety within the health care environment. National standards and initiatives will be the foundation of the course. Pass/Fail only.

**Grading status:** Pass/Fail.

**NURS 609. Health Care in the Global Context. 1 Credit.**

Majors only or permission of the instructor. A faculty-led experiential learning opportunity focusing on development and knowledge related to research, health care systems, or service learning and its application to nursing and health care.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading status:** Letter grade.

**NURS 611. Supporting the Childbearing Family. 2 Credits.**

Application required. An interprofessional, service-learning approach to studying maternity care. Students will receive professional doula training and volunteer as birth doulas within the Volunteer Doula Service Program at North Carolina Women's Hospital.

**Grading status:** Letter grade.

**NURS 613I. Intermediate Spanish for Health Care I. 3 Credits.**

This intermediate course is the equivalent of the third semester of college Spanish. Students will hone their listening and speaking skills in class primarily through role-playing activities and class discussion. Activities center on an original film set in a health clinic in rural North Carolina.

**Grading status:** Letter grade

**Same as:** PUBH 613, AHSC 613I, PHCY 613I, SOWO 613I.

**NURS 614I. Intermediate Spanish for Health Care II. 3 Credits.**

Permission of the instructor. This primarily e-learning course provides public health students with the opportunity to improve their oral communication skills in Spanish at the intermediate level via DVD, Web, and workbook. Instructor-led. Online course.

**Requisites:** Prerequisite, PUBH 613I.

**Grading status:** Pass/Fail

**Same as:** PUBH 614I, AHSC 614I, PHCY 614I, SOWO 614I.

**NURS 615I. Advanced Spanish for Health Care I. 3 Credits.**

Required preparation, third semester Spanish or equivalent. This advanced course reviews the grammar of the third and fourth semester of college Spanish. Students hone their listening and speaking skills through role-playing activities and class discussion. Activities center on an original film set in a Latino-run health clinic.

**Grading status:** Letter grade

**Same as:** PUBH 615, AHSC 615I, DENT 615I, MEDI 615I, PHCY 615I, SOWO 615I.

**NURS 642. Health Promotion and Illness Prevention in Advanced Nursing Practice. 2 Credits.****NURS 647. Contemporary Issues in the Role of Advanced Practice Nursing. 3 Credits.**

Graduate students only. This course examines the evolution, current issues, and roles in advanced practice nursing within the context of contemporary healthcare delivery.

**Grading status:** Letter grade.

**NURS 671. Nursing Inquiry and Evidence-Based Practice for Advanced Scholarship. 3 Credits.**

Students anticipating graduate study are introduced to scientific inquiry and principles of evidence-based practice, including theoretical perspectives related to inquiry; ethics; identification of research problems, development of research questions, and appropriate design; data interpretation with emphasis on statistical analysis; and rigorous appraisal of research reports.

**Grading status:** Letter grade.

**NURS 675. Hillman Scholars in Nursing Innovation: Integrative Seminar. 1 Credit.**

Admission to the Hillman Scholars Program in Nursing Innovation is required. This seminar will cultivate personal and professional skills essential for students' development and socialization as nurse innovators, leaders, researchers, and scholars. Content is iterative and progressive in depth and scope.

**Repeat rules:** May be repeated for credit.

**Grading status:** Letter grade.

**NURS 680. Experimental Courses. 1-3 Credits.**

Pilot test for new courses in the nursing program.

**Repeat rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading status:** Letter grade.

**NURS 685. Care of the Dying and Bereaved throughout the Life Span. 3 Credits.**

Students from a variety of health sciences-related disciplines gain an understanding of issues in working with dying and bereaved individuals of all ages and their families.

**Grading status:** Letter grade.

**NURS 687. Ethical Issues in Nursing. 2 Credits.**

Examination and discussion of major ethical issues arising in the professional practice of nursing in the context of systematic consideration of the nature of ethical choice.

**Grading status:** Letter grade.

**NURS 691H. Honors in Nursing, Part I. 3 Credits.**

Permission of the program director. Majors only. Preparation of a two-semester honors project under the direction of department advisors.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

**NURS 692H. Honors in Nursing, Part II. 3 Credits.**

Permission of the program director. Majors only. Preparation of a two-semester honors project under the direction of department advisors.

**Gen Ed:** EE- Mentored Research.

**Grading status:** Letter grade.

## Nursing Major, B.S.N.

### Contact Information

**School of Nursing**

Visit Program Website (<http://nursing.unc.edu>)

Carrington Hall, CB# 7460  
(919) 966-4260

**Nilda Peragallo Montano, Dean and Professor**  
[npm@email.unc.edu](mailto:npm@email.unc.edu)

**Anita Tesh, Assistant Dean, Undergraduate Division & Program**  
[astesh@email.unc.edu](mailto:astesh@email.unc.edu)

**Katherine Moore, Assistant Dean, Student Affairs**  
[mooreka@email.unc.edu](mailto:mooreka@email.unc.edu)

Courses in the nursing major are taken at the upper-division level. The courses build on a strong foundation in the sciences and humanities to develop the knowledge and skills needed to practice nursing in contemporary society. Clinical experiences take place in a broad variety of settings that reflect current patterns of health care delivery and provide opportunities for students to develop competence in empathetic care, critical thinking, technical skills, clinical judgment and decision making, interdisciplinary collaboration, and management of care.

Admission (p. ) to the program is required.

## Program of Study

The School of Nursing at the University of North Carolina at Chapel Hill offers an undergraduate program of study designed to provide students with the knowledge, skill, and understanding necessary to function effectively in all areas of professional nursing. The curriculum leading to the bachelor of science in nursing (B.S.N.) degree offers two options for study:

1. two years of upper-division courses in the School of Nursing, which follow two years of lower-division courses in the General College (or equivalent courses completed at another college/university) OR a previously earned bachelor's degree plus the noted prerequisites (B.S.N. Option); and
2. an accelerated second degree option for students with a previous bachelor's degree (A.B.S.N. Option).

Students are subject to the requirements in place when they are admitted to the School of Nursing; consequently, the requirements described in this catalog particularly apply to students admitted to the School of Nursing during the 2018–2019 academic year.

## Critical Information for ALL Nursing Students

### Essential Standards for Admission, Progression, and Graduation

The curricula leading to degrees in nursing from the University of North Carolina at Chapel Hill School of Nursing require students to engage in diverse and complex experiences directed at the acquisition and practice of essential nursing skills and functions. Unique combinations of cognitive, affective, psychomotor, physical, and social abilities are required to perform these functions satisfactorily. In addition to being essential to the successful completion of the requirements of a nursing degree, these skills and functions are necessary to ensure the health and safety of patients, fellow students, faculty members, and other health care providers.

The Essential Standards document describes the nonacademic qualifications, required in addition to academic qualifications, which the school considers critical for entrance to, continuation in, and graduation



from a UNC–Chapel Hill School of Nursing degree program. Candidates for nursing degrees, with the exception noted for selected graduate programs, must be able to meet these minimum standards, with or without reasonable accommodation, for successful completion of degree requirements. Refer to the school's Web site (<https://nursing.unc.edu/academic-programs/bsn>) for additional information.

## Professional Risk

The practice of nursing involves the care of individuals who are ill or injured. Communicable diseases are common in health care delivery settings and may be a threat to nursing students. During the performance of clinical practice/research activities, a student may have contact with patients/subjects with HIV/AIDS, tuberculosis, hepatitis B, hepatitis C, and other infections. Such contact, although rare when proper preventive measures are used, may result in a student's being exposed to infectious agents and/or transmitting an infectious disease to other students, faculty members, patients, family members, and subjects. During pregnancy, the fetus may be at risk. Students enrolled in the School of Nursing at UNC–Chapel Hill are expected to provide care to patients who may have known or unknown communicable diseases. Application to and acceptance of an offer from the School of Nursing indicates a student's understanding of related professional risks.

## Fitness for Practice

All students admitted to the School of Nursing are required by the North Carolina Board of Nursing to provide documentation of their fitness to provide safe nursing care to the public. Failure to provide requisite documentation will result in the withdrawal of the admission offer. Additionally, North Carolina law requires incoming students to present to the University, before the first day of enrollment, evidence verifying that the student has received all required immunizations.

Further, federal and state statutory regulations and clinical affiliate contractual mandates require that nursing students demonstrate particular cognitive and clinical competencies consistent with minimum professional practice standards. Students must attain and maintain full compliance with all such requirements. The school also requires students to undergo, at the student's expense, a 12-panel urine drug screen and a criminal history database check following admission acceptance. The check covers all addresses where the student has lived, worked, or attended an educational institution in the past seven years or since the 16th birthday, whichever is less. Database checks will address all criminal charges, felony and misdemeanor level convictions (except minor traffic related violations), and the Sexual Offender/Predator Registry for all states in which the student has lived. Reports are shared with clinical agencies that require that all charges be resolved prior to the start of clinical practice. Clinical agencies may impose additional requirements at their discretion, which must be completed at the student's expense. Questions about these requirements may be directed to the clinical contract and compliance coordinator.

## Disability Statement

Consistent with its mission and philosophy, the School of Nursing at the University of North Carolina at Chapel Hill is committed to providing educational opportunities to students with disabilities. In accordance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act, the school provides reasonable accommodations to otherwise qualified students with disabilities. The decision regarding appropriate accommodations will be based on the specifics of each case.

Students who seek reasonable accommodations for disabilities must contact the Office of Accessibility Resources & Service (<https://>

[ars.unc.edu](https://ars.unc.edu)) ([919] 962-8300). Staff in this office will determine a student's eligibility for, and recommend, appropriate accommodations and services. Also see the School of Nursing's policy (<https://sonportal.unc.edu/current-students/student-handbook>).

## Computer Requirements

All School of Nursing students are required to use e-mail for conveying course/clinical/research/other school-related business. All e-mail communication regarding School of Nursing matters must utilize the student's University e-mail address only. The use of external e-mail services is not permitted. School of Nursing courses use the Sakai learning management system, which requires frequent reliable access to Internet resources. For both these reasons, easy access to personal computers and the Web are imperative. The School of Nursing provides a PC laboratory solely for the use of undergraduate students, and students may also access PC laboratory facilities elsewhere on campus.

All B.S.N. and A.B.S.N. option students are required to have a laptop computer that meets the minimum requirements specified for the preloaded laptop computers available through the University's Carolina Computing Initiative (CCI) program (<http://cci.unc.edu/new-students/minimum-laptop-requirement>). Choosing a vendor for the laptop purchase is the student's prerogative; however, it is important to note that the University provides "software and operating system support for non-CCI laptops on a best-effort basis. Hardware support for non-CCI laptops is the responsibility of the owner" (source: [CCI.unc.edu](http://cci.unc.edu) (<http://cci.unc.edu>)). In addition to the computer itself, students must have an internet service provider (ISP) and an account for a high-speed access service.

Of note: the School of Nursing uses ExamSoft for testing. Students are required to purchase this program and ensure computer compatibility with the program.

## Vehicular Requirements

Because of the broad scope of clinical facilities and locations, undergraduate nursing students must have access to a car. For information about the North Carolina requirements for automobile liability insurance, vehicle registration, and operator's license, write to the North Carolina Department of Motor Vehicles, Raleigh, N.C. 27602. Students and/or parents are responsible for maintaining appropriate insurance coverage. Some insurance companies may consider such travel as "business driving." Expenses for travel are the responsibility of the student.

## Registered Nurse Licensure Examination Requirements

The North Carolina Board of Nursing (NCBON) requires all graduates of the School of Nursing who apply to take the National Council Licensure Examination (NCLEX) to undergo a routine criminal background check, which necessitates submission of a complete set of fingerprints with the NCLEX application. A Social Security Number is required for the licensure application to the NCBON.

## New Student Orientation

All newly admitted B.S.N. and A.B.S.N. students are required to attend a mandatory orientation session one business day prior to the start of courses during their first semester. To determine when classes begin, view the University's academic calendar (<http://registrar.unc.edu/academic-calendar>). UNC–Chapel Hill students who are studying abroad in the spring semester prior to matriculation should ensure their study



abroad program will allow them to return to Chapel Hill prior to the new student orientation.

## Student Learning Outcomes

The B.S.N. program prepares graduates as nurse generalists to:

- Demonstrate care for individuals, families, groups, communities, and populations in a culturally responsive manner. Culturally responsive care includes the intersection of cultural humility and sensitivity, determinants of health, and individuality to promote health equity.
- Exhibit professional values reflective of ethical principles, consistent with the nursing code of ethics and the scope and standards of professional nursing practice.
- Develop global health knowledge and skills to engage in solutions to improve health equity in North Carolina and around the world.
- Contribute to the development and implementation of innovations as a way to improve health outcomes. Health innovations can be promotive, preventive, protective, and/or restorative.
- Use informatics to communicate, support clinical decision-making and patient education, and enhance the quality and safety of care.
- Exhibit patient advocacy, appraise and apply evidence, and evaluate policy within an ever-changing healthcare environment.
- Identify the needs of populations and implement interventions with other members of the healthcare team that are expected to promote optimal health.
- Contribute to a culture of safety and quality improvement by delivering evidence-based, patient-centered care within intra and interprofessional teams.
- Demonstrate empathy for, connection to, and being with the patient. This requires a balance between knowledge, skills, professional confidence, maturity, and compassion towards ourselves, our colleagues, patients, and families based in the principles of relationship-centered care.
- Use the research process to appraise and apply evidence with clinical knowledge to maintain a scientifically sound practice.
- Present written and verbal ideas in a logical and cohesive manner to effectively share evidence of best practice.

## Requirements of the Major

### A.B.S.N. and B.S.N. Options

Students are admitted to the baccalaureate nursing program at the upper-division level. All lower-division courses must be completed before beginning nursing courses.

Students are subject to the requirements in place when they are admitted to the School of Nursing; consequently, the requirements described in this catalog particularly apply to students admitted to the School of Nursing during the 2018–2019 academic year.

Code	Title	Hours
<b>Core Requirements</b>		
NURS 253	Individual Development across the Lifespan <sup>1</sup>	2
NURS 254	Discipline of Nursing I	1

NURS 261	Nursing Role in Normal Nutrition <sup>1</sup>	2
NURS 360	Concepts, Processes, and Skills for Evidence-Based Nursing	4
NURS 361	Pathophysiology	3
NURS 362	Pharmacology across the Lifespan	3
NURS 364	Nursing Care of Adults with Major Health Problems, I	6
NURS 366	Health Assessment	3
NURS 371	Nursing Inquiry and Evidence-Based Practice	3
NURS 382	Family-Centered Genomic Health Care	1
NURS 456	Discipline of Nursing II	2
NURS 470	Public Health Nursing	5
NURS 472	Nursing Care of Infants, Children, and Their Families	5
NURS 477	Psychiatric Mental Health Concepts for Broad Clinical Application in Nursing	5
NURS 479	Maternal/Newborn Nursing	5
NURS 588	Leadership in Health Care Organizations	4
NURS 591	Nursing Care of Adults with Major Health Problems, II	8
and one of the following courses:		3
NURS 487	Practicum in Nursing: Work-Study Experience	
NURS 488	Practicum in Nursing: Health Services Improvement Work Experience	
NURS 489	Practicum in Nursing: Global Health Experience	
Total Hours		65

<sup>1</sup> Completed as prerequisites for A.B.S.N. option students.

## Plans of Study

### B.S.N. Option Plan of Study (Six Semesters)

Course plan for May matriculation.

Code	Title	Hours
<b>Summer</b>		
NURS 254	Discipline of Nursing I	1
NURS 261	Nursing Role in Normal Nutrition	2
NURS 361	Pathophysiology	3
NURS 366	Health Assessment	3
<b>Fall</b>		
NURS 253	Individual Development across the Lifespan	2
NURS 360	Concepts, Processes, and Skills for Evidence-Based Nursing	4
NURS 362	Pharmacology across the Lifespan	3
NURS 364	Nursing Care of Adults with Major Health Problems, I	6
<b>Spring</b>		
NURS 371	Nursing Inquiry and Evidence-Based Practice	3
NURS 382	Family-Centered Genomic Health Care	1
NURS 477	Psychiatric Mental Health Concepts for Broad Clinical Application in Nursing	5
NURS 479	Maternal/Newborn Nursing	5
<b>Summer</b>		
NURS 487	Practicum in Nursing: Work-Study Experience	3

or NURS 489	Practicum in Nursing: Global Health Experience	
<b>Fall</b>		
NURS 456	Discipline of Nursing II	2
NURS 470	Public Health Nursing	5
NURS 472	Nursing Care of Infants, Children, and Their Families	5
<b>Spring</b>		
NURS 588	Leadership in Health Care Organizations	4
NURS 591	Nursing Care of Adults with Major Health Problems, II	8
Total Hours		65

## A.B.S. N. Option Plan of Study (Four Semesters)

Course plan for January matriculation. Effective January 2018.

Code	Title	Hours
<b>Spring</b>		
NURS 254	Discipline of Nursing I	1
NURS 360	Concepts, Processes, and Skills for Evidence-Based Nursing	4
NURS 361	Pathophysiology	3
NURS 362	Pharmacology across the Lifespan	3
NURS 366	Health Assessment	3
NURS 382	Family-Centered Genomic Health Care	1
<b>Summer</b>		
NURS 364	Nursing Care of Adults with Major Health Problems, I	6
NURS 477	Psychiatric Mental Health Concepts for Broad Clinical Application in Nursing	5
<b>Fall</b>		
NURS 371	Nursing Inquiry and Evidence-Based Practice	3
NURS 456	Discipline of Nursing II	2
NURS 479	Maternal/Newborn Nursing	5
NURS 591	Nursing Care of Adults with Major Health Problems, II	8
<b>Spring</b>		
NURS 470	Public Health Nursing	5
NURS 472	Nursing Care of Infants, Children, and Their Families	5
NURS 488	Practicum in Nursing: Health Services Improvement Work Experience	3
NURS 588	Leadership in Health Care Organizations	4
Total Hours		61

## Special Opportunities in Nursing

### Hillman Scholars Program in Nursing Innovation

UNC–Chapel Hill School of Nursing is one of only two schools nationally that has been awarded renewal funding for the Hillman Scholars Program in Nursing Innovation (<https://nursing.unc.edu/academic-programs/bsn/hillman-scholars-program-in-nursing-innovation>) grant. The program's primary goal is to create a new cadre of nurse scientists and leaders who will design innovative solutions for health care delivery. This highly competitive program is open to new B.S.N. and A.B.S.N. students and provides a pathway for students to earn their B.S.N. and Ph.D. in five to six years. At least four academically talented nursing students will be

admitted to the program each year and receive financial and enhanced mentoring support to facilitate their progress towards the Ph.D. By completing a Ph.D. early in their career, Hillman Scholars will have a longer time to influence patient care through leadership, innovation, and research in academic and clinical settings.

### Departmental Involvement

Students are encouraged to participate in student leadership opportunities (<http://nursing.unc.edu/current-students/student-handbook/student-organizations-and-activities-general>). These include the elected class governance system, the dean's Student Advisory Council or course management team options, the Association of Nursing Students (the only preprofessional nursing organization available), the Student Health Action Coalition, and a variety of special interest groups.

### Experiential Education

The nursing program requires extensive direct clinical practice in a variety of acute care, chronic care, and community-based settings considered essential for the preparation of competent practitioners. Clinical contact time varies by study option and course but averages approximately 12 to 16 hours per week.

### Financial Aid

Students granted admission to the School of Nursing seeking the baccalaureate degree at UNC–Chapel Hill may be considered for a variety of nursing-specific scholarships and other financial aid opportunities. For assistance, contact the Office of Scholarships and Student Aid by phone at (919) 962-8396 or through the Web at [studentaid.unc.edu](http://studentaid.unc.edu) (<http://studentaid.unc.edu>), or call the Office of Students Affairs at (919) 966-4260.

### Study Abroad

Students are encouraged to participate in a variety of study abroad options (<https://nursing.unc.edu/outreach/global-partnerships>) offered through required or elective courses.

### Undergraduate Awards

During the final semester of study, high achieving students (GPA  $\geq$  3.5) in each option will be invited to membership in Sigma Theta Tau International Nursing Honor Society. The George Livas Award recognizes the graduating student who most clearly demonstrates academic excellence and leadership. Other awards presented during the school's commencement ceremony honor those students achieving the highest grade point average in their respective option.

### Undergraduate Research

Through the honors program (<http://honorscarolina.unc.edu>) the University and the School of Nursing recognize undergraduates who have demonstrated exceptional academic ability and independent work in their major. Qualified and interested students in their last two semesters of study will be paired with a faculty advisor who guides the student in an independent study honors project. The Assistant Dean for the undergraduate program supervises the honors program. Students participating in the honors program must have a cumulative University grade point average that meets University requirements. In addition, students must have and maintain a 3.4 cumulative nursing grade point average. Calculation of the cumulative grade point average is based solely on the required hours earned to date for the nursing degree. Grade point averages are not rounded. The student and honors advisor must complete a written contract, and the student must register for NURS 691H and NURS 692H. Each honors course carries three hours of

credit and is assigned a letter grade by the advisor. A student's project must show evidence of independent, creative, abstract, analytical, and critical thinking.

# SUMMER SCHOOL

## Contact Information

### Summer School

Visit Program Website (<http://summer.unc.edu>)

134 E. Franklin Street, Room 200, CB# 3340

(919) 966-4364

Jan Johnson Yopp, Dean

## History

The University of North Carolina at Chapel Hill established what was possibly the first United States summer school in 1877. It enrolled 235 students in courses from 10 disciplines. Women were first admitted into University courses during this summer session. Students came from 42 North Carolina counties and several neighboring states. By 1925, 19,983 students had enrolled in Summer School. The University has continued annually to provide a wide offering of summer academic opportunities to the people of North Carolina and other residents from this country and abroad. From 1934 to 1987 the programs were administered by the Office of Summer Sessions. The traditional name of Summer School was reinstated in 1988.

## Opportunities

The College of Arts and Sciences as well as many professional schools offer summer courses for undergraduate and graduate students. The same faculty members who make the University one of the nation's best teach the courses, assisted by visiting professors who are specially recruited by departments for this purpose.

Summer School is central to the teaching mission of the University. The summer is one of the three periods during which the campus is open for formal instruction. Summer courses are of comparable quality and provide the same credit as corresponding courses in the fall or spring terms.

For students who have problems in the fall or spring terms getting courses they need or have to choose between courses, summer provides a time when the courses can be taken. This option relieves pressure on fall and spring enrollments, creates opportunities to enhance students' programs, increases student access to courses in nonmajor fields and other schools, and ensures that students can complete their degree requirements in a timely manner. Summer also allows incoming students the opportunity to take courses and become acclimated to campus before the fall term begins.

Because some subjects are best learned in an intensive and concentrated way, summer provides a time when students can focus on a single field. This learning style is particularly useful for some laboratory experiences, concentrated arts courses, and foreign languages. Some curricula require field study or research projects, and summer uniquely allows time for these studies.

During the summer, faculty members and students can concentrate on one or two courses without interruptions of other administrative, academic, and social events that exist during the year. The total number of students is fewer in the summer, and the mix includes greater diversity and a higher proportion of nontraditional and visiting students than during the fall or spring terms. Because class sizes are smaller and

classes meet daily, students interact more with faculty members and with one another.

The summer program is also one of the key ways the campus reaches out to visiting and postdegree students who can benefit from what the University has to offer. Finally, summer is a time for faculty members to develop and experiment with new content and teaching models that can be incorporated into fall or spring courses.

## Programs

Summer School offers two sessions of five weeks each, a three-week Maymester, and other short courses with various beginning and ending dates. In recent years about 600 sections of courses have been offered each summer to about 4,000 students in Summer Session I and about 3,000 in Summer Session II. The available courses include many that satisfy undergraduate degree requirements. Twelve semester hours of credit typically would be earned by a full-time summer student over both summer sessions. Many students take fewer hours or attend only one session. About 95 percent of summer students are regular UNC-Chapel Hill students, and the other 5 percent are visiting students.

In recent summers, enrolled students have come from all 100 counties in North Carolina and all 50 states, as well as the District of Columbia, Puerto Rico, the Virgin Islands, and 60 foreign countries.

## Highlights

Summer School highlights include concentrated three-week courses offered in Maymester, five-week online courses, some field courses and law courses that extend beyond the usual Summer Session I, some courses taught especially for public school teachers that begin after mid-June when the public schools end their term, and other credit programs that operate on a concentrated schedule. Courses are offered in the late afternoon or evening. Some offerings combine off-campus activities and on-campus classes or combine online and face-to-face learning formats.

## Student Services and Advising

Summer School coordinates and distributes information on summer course offerings for credit in all Academic Affairs units. Course offerings are available on the Summer School Web site in mid-December. Regular UNC-Chapel Hill students who need information on summer courses and early registration should contact their advisor, dean, or the relevant academic department. These students and all others can obtain updated information daily on the Web site (<http://summer.unc.edu>).

Summer School admits and advises visiting students. A potential visiting student can obtain information and an online application from the Web site (<http://summer.unc.edu>). The dean of Summer School serves as the dean for these students to approve any schedule adjustments and to represent their interests in other academic and administrative matters. All UNC-Chapel Hill majors and minors have a primary academic advisor in Steele Building. They are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker.

Summer School students are able to use most of the campus facilities enjoyed by students in the fall and spring semesters, such as the libraries, computer rooms, and athletic facilities. Information on summer University housing and on dining plans is available in March on the Summer School Web site. The Carolina Union, Carolina intramural coed recreational sports, and *The Summer Tar Heel* also provide activities, events, and information during the summer.

# THE WILLIAM AND IDA FRIDAY CENTER FOR CONTINUING EDUCATION

## Contact Information

### The William and Ida Friday Center for Continuing Education

Visit Program Website (<http://fridaycenter.unc.edu>)

100 Friday Center Drive, CB# 1020

(919) 962-3000

### Jessica Brinker, Interim Director and Director of Credit Programs

Jessica\_Brinker@unc.edu

The Friday Center for Continuing Education is the University's arm for extending credit and noncredit instruction to North Carolinians who wish to further their education on a part-time basis or through short, intensive periods of study.

Carolina Courses Online is a distance-education program that offers semester-based online courses. Class sessions are not required, but courses generally follow the semester schedule. Internet access and e-mail are required in order to enroll. Through self-paced courses, students can complete degree-related correspondence and online courses under the direction of UNC–Chapel Hill instructors. UNC–Chapel Hill serves as the administrative center for this statewide program, which also offers courses from eight other member institutions of the University of North Carolina system.

Part-time Classroom Studies enables part-time students to enroll in undergraduate and graduate evening and daytime courses. Off-campus Credit Studies provides classroom instruction in locations away from campus or in flexible time formats. The Correctional Education Program enables qualified inmates in the North Carolina prison system to take correspondence courses and on-site classes, and provides assistance in the transition to study release.

The Professional Development and Enrichment Programs unit provides consultative and management services in developing continuing education programs in a variety of formats. A number of noncredit conferences and institutes are held at UNC–Chapel Hill each year, usually with the cosponsorship of a University school or department or an educational or professional organization. Enrichment programs for the local community also are offered. The Friday Center's conference facility is designed to accommodate varied continuing education conferences and activities.

The Friday Center for Continuing Education maintains several social and digital media sites, including Facebook (<http://facebook.com/uncfridaycenter>), Twitter (<http://twitter.com/uncfridaycenter>), and the blog "Student Voices" (<http://fridaycenterblogs.web.unc.edu>).

Jessica Brinker, *Interim Director; Director, Credit Programs for Part-Time Students*

Raphael Ginsburg, *Assistant Director of Correctional Education*

Annette Madden, *Director, Professional Development and Enrichment Programs*

Tyler Ritter, *Director and Chief Operating Officer, The Carolina Office for Online Learning*

Debra Watkins, *Director, Conference and Events Center*

## Carolina Courses Online (CCO)

The following courses are offered through the Carolina Courses Online (CCO) program. Not all courses are offered each semester. Check the course listings on the Friday Center Web site (<http://fridaycenter.unc.edu/creditprograms/carolinacoursesonline/courses>) for each semester's offerings.

Code	Title	Hours
AAAD 130	Introduction to African American and Diaspora Studies	3
ANTH 101	General Anthropology <sup>H</sup>	3
ANTH 102	Introduction to Cultural Anthropology	3
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	3
ANTH 277	Gender and Culture	3
ARTH 151	History of Western Art I <sup>H</sup>	3
ARTH 152	History of Western Art II <sup>H</sup>	3
ARTH 254	Women in the Visual Arts I	3
ARTH 282	Modernism I: Realism, Impressionism, Post-Impressionism	3
ARTS 102	Two-Dimensional Design	3
ARTS 105	Photography I <sup>H</sup>	3
ARTS 106	Video I	3
ASTR 101	Introduction to Astronomy: The Solar System <sup>H</sup>	3
ASTR 101L	Introduction to Astronomy Laboratory: Our Place in Space	1
ASTR 102	Introduction to Astronomy: Stars, Galaxies & Cosmology <sup>H</sup>	3
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
BUSI 106	Financial Accounting CS	3
BUSI 108	Management Accounting CS	3
BUSI 586	Personal Finance	1.5
CLAR 245	Archaeology of Italy	3
CLAS 126	Medical Word Formation and Etymology	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3
COMM 100	Communication and Social Process	3
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	3
COMM 140	Introduction to Media History, Theory, and Criticism <sup>H</sup>	3
COMM 142	Popular Music	3
COMM 170	Rhetoric and Public Issues	3
COMM 223	Small Group Communication	3
COMM 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3
COMM 318	Cultural Diversity	3
COMP 110	Introduction to Programming <sup>H</sup>	3
COMP 380	Introduction to Digital Culture <sup>H</sup>	3
DRAM 115	Perspectives in Drama <sup>H</sup>	3



DRAM 116	Perspectives in the Theatre <sup>H</sup>	3	POLI 271	Modern Political Thought <sup>H</sup>	3
DRAM 120	Play Analysis <sup>H</sup>	3	PSYC 101	General Psychology	3
DRAM 284	Studies in Dramatic Theory and Criticism <sup>H</sup>	3	PSYC 245	Abnormal Psychology <sup>H</sup>	3
ENGL 121	British Literature, 19th and Early 20th Century	3	PSYC 250	Child Development <sup>H</sup>	3
ENGL 123	Introduction to Fiction	3	RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
ENGL 125	Introduction to Poetry	3	RELI 104	Introduction to the New Testament <sup>H</sup>	3
ENGL 128	Major American Authors	3	RELI 106	Introduction to Early Judaism	3
ENGL 130	Introduction to Fiction Writing	3	RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
ENGL 206	Intermediate Fiction Writing	3	RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
ENGL 313	Grammar of Current English	3	RELI 140	Religion in America <sup>H</sup>	3
ENGL 345	American Literature, 1900-2000 <sup>H</sup>	3	RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
ENGL 480	Digital Humanities History and Methods	3	RELI 180	Introduction to Islamic Civilization	3
EXSS 175	Human Anatomy	3	RELI 183	Asian Religions	3
EXSS 221	Introduction to Sport Administration	3	RELI 207	Jesus in Myth, Tradition, and History 30-200 CE	3
EXSS 276	Human Physiology	3	RELI 208	The Birth of Christianity	3
FREN 101	Elementary French I	3	RELI 236	Religious Things	3
GLBL 210	Global Issues and Globalization	3	SOCI 101	Sociological Perspectives <sup>H</sup>	3
GEOG 120	World Regional Geography	3	SOCI 112	Social Interaction	3
GEOG 259	Geography of Latin America	3	SOCI 115	Regional Sociology of the South	3
GEOL 101	Planet Earth	3	SOCI 122	Race and Ethnic Relations	3
GEOL 159	Prehistoric Life	3	SOCI 123	Crime and Delinquency	3
HIST 127	American History to 1865	3	SOCI 130	Family and Society	3
HIST 128	American History since 1865	3	SOCI 131	Social Relations in the Workplace	3
HIST 140	The World since 1945	3	SOCI 410	Formal Organizations and Bureaucracy	3
HIST 151	European History to 1650	3	SOCI 412	Social Stratification	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3	SOCI 415	Economy and Society	3
HIST 276	The Modern Middle East	3	SOCI 422	Sociology of Mental Health and Illness	3
HIST 364	History of American Business	3	SOCI 469	Health and Society	3
HIST 365	The Worker and American Life	3	SOWO 492	Seminar in Service Learning	1-6
HIST 366	North Carolina History before 1865	3	SPAN 101	Elementary Spanish I	3
HIST 367	North Carolina History since 1865	3	SPAN 102	Elementary Spanish II <sup>H</sup>	3
INLS 151	Retrieving and Analyzing Information	3	SPAN 405	Intermediate Spanish for Health Care Professionals	3
LING 101	Introduction to Language <sup>H</sup>	3	SPAN 203	Intermediate Spanish I <sup>H</sup>	3
MATH 381	Discrete Mathematics <sup>H</sup>	3	SPAN 204	Intermediate Spanish II <sup>H</sup>	3
MATH 551	Euclidean and Non-Euclidean Geometries	3			
MUSC 121	Fundamentals of Music I	3			
MUSC 141	Survey of Western Music History	3			
MUSC 143	Introduction to Rock Music	3			
MUSC 144	Introduction to Country Music	3			
MUSC 145	Introduction to Jazz	3			
MUSC 146	Introduction to World Musics	3			
PHIL 101	Introduction to Philosophy: Main Problems <sup>H</sup>	3			
PHIL 105	How to Reason and Argue: An Introduction to Critical Thinking	3			
PHIL 155	Introduction to Mathematical Logic <sup>H</sup>	3			
PHIL 165	Bioethics <sup>H</sup>	3			
PHYI 292	Introduction to Physiology	5			
POLI 100	Introduction to Government in the United States <sup>H</sup>	3			
POLI 101	State and Local Government in the United States <sup>H</sup>	3			
POLI 150	International Relations and World Politics <sup>H</sup>	3			
POLI 239	Introduction to European Government <sup>H</sup>	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

# RESOURCES

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For a list of UNC resources, please see the University's Resources Web site (<https://studentsuccess.unc.edu/campus-resources>).

Included in this section of the University Catalog are descriptions for some of the resources available to current and prospective students.

- Resources: Academic and Research (p. 1023)
- Resources: Campus Life (p. 1027)
- Resources: Career Planning (p. 1034)
- Resources: Health and Wellness (p. 1035)
- Resources: Service and Leadership (p. 1037)

# RESOURCES: ACADEMIC AND RESEARCH

## Academic Advising Program

Lee Y. May, Ph.D., *Associate Dean*

Andrea Caldwell, M.S., *Senior Assistant Dean*

Allison Mitchall, Ph.D., *Assistant Dean*

Chloe Russell, M.A., *Assistant Dean*

Kenneth Shugart, M.A., *Assistant Dean*

Elizabeth O. Shuster, Ph.D., *Assistant Dean*

Alex Waldie, M.Ed., *Associate Director*

Spencer Welborn, M.S., *Assistant Dean*

Lora Wical, M.Ed., *Deputy Director, Senior Assistant Dean*

Marilyn J. Wyrick, M.A., *Senior Assistant Dean*

Lara Wind, B.A., *Graduation Coordinator*

### Advisors

Paige Abe, M.A.; David Adamson, M.F.A.; Matthew Andrews, Ph.D.; Todd L. Austell, Ph.D.; Kelsey Axe, M.Ed.; Lisa Beisser M.B.A.; Fred Cave, M.A.; Alfreda Clegg, M.S.; Nicole Cobb, M.A.; Marcus L. Collins, Ed. D.; Melissa R. Edwards, B.A.; Deborah S. Graczyk, M.A.; Anthony Hanson, M.A.; Adam Harris, M.A.; Kristen Hondros, Ph.D.; Mary-Charles Horn, M.A.; Michael Jahn, M.A.; Krystal Johnson, M.A.; Sarah Johnston, M.Ed.; Cliff Jones, M.Ed.; Stephen Lich-Tyler, Ph.D.; Hilary Lithgow, Ph.D.; George E. Maitland, Ed.D.; Robert Malekoff, Ph.D.; Susan Maloy, M.Ed.; Hollie Mann, Ph.D.; Kathleen McNeil, M.A.; Anna J. Millar, M.B.A.; Mérida Negrete, M.M., Musc.Ed.; Robert Palermo, M.A.; Adam Persky, Ph.D.; Valerie C. Pruvost, Ph.D.; Joy J. Renner, M.A., R.T.; Kristin Richards, M.A.; Dexter Robinson, B.A.; Sarah Rowe, M.S.; Gidi Shemer, Ph.D.; Dennis Soberl, B.S.; Jennine Strange, M.S.; Lynn Tocci, M.A., M.S.W.; Jean-Paul Viray, M.Ed.; Linwood Webster, M.S.; Jonathan Weiler, Ph.D.; Hristiyana Zhelezova, M.A., M.Ed.; Anna Zirkel, M.Ed.

The Academic Advising Program (<http://advising.unc.edu>) serves all undergraduate students in the General College and the College of Arts and Sciences.

The charge of the Academic Advising Program is to assist students with all aspects of their academic planning while providing a foundation for appropriate academic decisions. Students are assigned a primary advisor but may see any advisor for their concerns. Advisors provide students with assistance and advice about options for course selection, maintaining required scholastic standards, and planning a complete educational program. Advisors help ensure that students are making satisfactory progress towards their degree. Advisors discuss choices about majors with advisees and help them identify appropriate courses to satisfy General Education and major/minor requirements. In addition, advisors explain academic policies, procedures, and regulations and provide referrals to appropriate campus resources as needed. Advisors' office locations, office hours, and contact information (<http://advising.unc.edu>) are posted online.

All first-year students and sophomores are enrolled in the General College and are assisted by advisors in the Academic Advising Program. During their junior and senior years, students pursue academic majors/minors either in the College of Arts and Sciences or in one of the professional schools. To enter a professional school, students must be accepted into the program and should consult admission information for that school.

As juniors and seniors, students may receive academic advice regarding major studies, course registration, graduate school, internships, and career opportunities from faculty advisors in their major department or curriculum offices, or from the professional school to which they have been admitted. Some departments and schools require students to meet with a departmental advisor each term before they can register for the next term. Students in majors/minors that are part of the College of Arts and Sciences should also consult with an advisor in the Academic Advising Program at least once each year to ensure that they are making acceptable progress toward meeting degree requirements, including General Education requirements. Consulting Tar Heel Tracker can help students keep track of requirements, anticipate "what-if" scenarios, and prepare for meetings with advisors.

Each student is ultimately responsible for selecting appropriate courses and complying fully with all published regulations and requirements.

To avoid problems with registration and to ensure graduation by the expected date, students are strongly encouraged to declare a major during their sophomore year or early in their junior year. Students who have not declared a major before registration opens for their sixth semester will not be permitted to register for their sixth semester until they have consulted with an advisor in the Academic Advising Program.

## Center for Student Success and Academic Counseling

Marcus L. Collins, Ed.D., *Associate Dean and Director*

Kim Abels, Ph.D., *Director, Writing Center and Learning Center*

Chris Faison, M.A., *Coordinator, Carolina Male Scholars*

Erica Wallace, M. Ed., *Coordinator, Peer Mentoring and Engagement*

Euna Victoria Chavis, B.A., *Coordinator, Summer Bridge*

2203 SASB North; (919) 966-2143, (919) 962-7710.

CSSAC (<http://cssac.unc.edu>) is dedicated to promoting academic excellence and assisting students to achieve their academic goals while enrolled at Carolina. Its constituent programs—the Office for Student Academic Counseling, Summer Bridge, Carolina Male Scholars, and the Writing and Learning Center—provide support for students in developing the skills and strategies needed to achieve academic success and personal success. This commitment to student learning supports the University's mission to "teach a diverse community of undergraduate, graduate, and professional students to become the next generation of leaders."

CSSAC's unit for Student Academic Counseling offers academic and personal support to all UNC-Chapel Hill students. Its primary objective is to sponsor programs and activities that promote academic excellence, increase retention, and improve the campus climate for diversity among American Indian and African American undergraduates. Support provided by Student Academic Counseling includes the Minority Advisory Program, individual academic counseling appointments, guidance for student led

initiatives and projects, and the annual Hayden B. Renwick Academic Achievement Awards Ceremony. Historically, this office has worked cooperatively with members of several student organizations, including the Black Student Movement, the Carolina Hispanic Student Association, the National Panhellenic Council, the Asian Student Association, Womxn of Worth, and the Carolina Indian Circle. CSSAC's full-time and part-time professionals work with graduate assistants and undergraduate student assistants to meet the needs of any UNC–Chapel Hill student requesting assistance.

## The Peer Mentoring Programs

The Minority Advisory Program (MAP) consists of students with cumulative grade point averages of 2.5 or higher who volunteer to serve as peer mentors mostly to minority first-year undergraduates. These peer mentors provide academic counseling, bridge communication between CSSAC and first-year students, and assist them with their transition from high school to university life. CSSAC also oversees the peer mentoring program for Carolina Covenant Scholars and community college students participating in the Carolina Student Transfer Excellence Program (C-STEP). As with MAP, Carolina Covenant Scholars and C-STEP volunteers serve as peer mentors to first-year Carolina Covenant Scholars and C-STEP participants to assist them with their academic and social transition to Carolina.

## Hayden B. Renwick Academic Achievement (3.0) Recognition Ceremony

These ceremonies acknowledge primarily minority students who have excelled academically while attending UNC–Chapel Hill. Students achieving a cumulative grade point average of 3.0 or better are recognized each spring semester and awarded a certificate of achievement. Parents and friends are encouraged to attend this annual event.

## UNC Summer Bridge Program

The UNC Summer Bridge program is a six-week transition program that helps incoming first-year students adjust to Carolina by providing academic enrichment, community building and, co-curricular and experiential learning activities. Any student who has been admitted to UNC–Chapel Hill and is a North Carolina resident is eligible to apply. Summer Bridge students have the opportunity to engage in support programming throughout the academic year as well.

## Carolina Male Scholars

A community designed to help males of color develop academically, socially, and professionally. Our current initiatives include mentor-coaching, monthly networking gatherings, Start Strong summer program, and a first-year male student retreat.

## Learning Center

Kim Abels, Ph.D., *Director*

Robert Pleasants, Ph.D., *Assistant Director*

0118 and 2109 SASB North, (919) 962-3782.

The Learning Center (<http://learningcenter.unc.edu>) helps students optimize their learning strategies to achieve their academic potential at Carolina. To make an appointment with an academic coach or check out this year's event calendar, visit the Learning Center's Web site (<http://learningcenter.unc.edu>). The Learning Center regularly offers an array

of programs and services popular with many undergraduate students, including:

- One-on-one appointments with an academic coach. Coaching appointments provide opportunities for students to set personal academic goals and get support and accountability in the process.
- Peer tutoring for many introductory courses. Students can find drop-in support on Tuesday and Wednesday nights at Dey Hall or make an appointment for select courses.
- STEM support, including academic coaching and learning groups for BIOL 101, CHEM 101, CHEM 102, CHEM 261, MATH 130, and MATH 231.
- Workshops on topics such as metacognitive learning strategies, reading speed and comprehension, time management, and more.
- Handouts and videos (<http://learningcenter.unc.edu/tips-and-tools>) offering tips and tools to make students' academic lives easier.
- Study groups and boot camps providing opportunities to gather with other students to maximize study time and strategies.
- Test prep courses for GRE, GMAT, MCAT, and LSAT in partnership with The Princeton Review, often at discounts of 30 to 50 percent.
- ADHD/LD services. Both individual appointments and coaching groups are available.

## Writing Center

Kim Abels, Ph.D., *Director*

Vicki Behrens, Ph.D., *Assistant Director*

0127 SASB North; 221 Greenlaw Hall; (919) 962-7710.

The Writing Center (<http://writingcenter.unc.edu>) is a free service for students at UNC–Chapel Hill. Our main office is in SASB North, and we have a satellite location at 221 Greenlaw Hall. Our coaches are friendly graduate and undergraduate students from a variety of academic disciplines who are specially trained in teaching writing. We offer both 45-minute face-to-face sessions and an online system that allows students to submit writing and receive feedback via the Web. An array of popular handouts and videos (<https://writingcenter.unc.edu/tips-and-tools>) are available anytime via our Web site. Our face-to-face sessions take place by appointment. Additional services for international students and scholars and other multilingual writers are also available. Detailed information about our programs is available on our Web site (<https://writingcenter.unc.edu>).

## What Happens During a Session?

When you arrive at the Writing Center, your coach will ask about your current writing task and help you set goals for your session. You can visit us at any point in the writing process for any kind of assignment. If you are just getting started, your coach might help you do some brainstorming or outlining. If you have a draft, your coach will read through it with you, ask questions to help you clarify your ideas, share some feedback, and teach you some new writing and revision strategies. You might do some writing during your session, and your coach will probably share some resources, such as handouts, videos, and information about other campus services. While we do not offer editing or proofreading, we are happy to help you work on these skills. Our goal is to support your long-term development as a writer, as well as help you improve your current paper or multimedia writing project.

## Library System

- Library hours (<http://library.unc.edu/hours>)
- Ask a question (<http://library.unc.edu/ask>)

Everyone is welcome in all campus libraries, including the House Undergraduate Library (open 24/5), Davis Library, the Wilson Special Collections Library, the Health Sciences Library, and libraries with various subject specialties. Your OneCard is your library card.

The libraries' Web page (<http://library.unc.edu>) provides direct access to many research materials including online books and journals, as well as information about places to study and experts who can help with research on any topic. You can contact the Library (<http://library.unc.edu/ask>) through e-mail, chat, and text messaging services.

Special facilities at the University Libraries include state-of-the-art design and media production labs in the R.B. House Undergraduate Library; a makerspace with 3D scanning and printing at the Kenan Science Library; and the Davis Library Research Hub, with equipment and expertise for GIS, data visualization, and digital humanities.

## Math Help Center

Miranda Thomas, Ph.D., *Director*

The Math Help Center (<http://math.unc.edu/undergraduate/math-help-center>), located in 237 Phillips Hall, provides additional instructional support for students enrolled in MATH 110 through MATH 233. The center is staffed by both graduate and undergraduate tutors who work with students in small groups or individually. The center's main purposes are to provide assistance and to increase the success rate for students in specific math courses.

## Pre-Graduate School Advising

William Taylor, Ph.D., *Coordinator*

This resource is offered to students in the College of Arts and Sciences interested in pursuing graduate studies through the Pre-Graduate Education Advising Program (<http://pregrad.unc.edu>) in Hanes Hall (second floor). The program advises undergraduate students considering a graduate degree in various disciplines (sciences, arts and humanities, social sciences, and professional arenas). These advisors can help clarify the differences between a doctorate and a master's degree and the opportunities a terminal degree may offer. The program is primarily responsible for helping students considering graduate school understand what their next steps are in researching and applying to graduate programs, so that they can move forward independently and effectively. Students interested in graduate study also should speak with departmental or curricular advisors, the director of undergraduate studies for their major, and other faculty members. The advisors are also happy to help you identify the individuals you should contact.

## Prehealth Advising

UNC–Chapel Hill has no formal prehealth curriculum or major. Instead, students should choose one of the four-year B.A. or B.S. degree programs and incorporate appropriate prerequisite courses in their planning. Health profession schools/programs encourage students to major in what they are interested in studying; no specific majors are recommended. A variety of support systems are in place for students who want to pursue prehealth careers, including the Academic Advising Program, University Career Services, the professional schools across campus, and many knowledgeable faculty members. Students are encouraged to research

programs of interest and carefully follow the requirements of each program, as well as the national standards for various health professions, to best prepare for further study.

## Prelaw Advising

William Taylor, Ph.D., *Advisor*

UNC–Chapel Hill has no formal prelaw curriculum or major. Instead, students should follow one of the four-year B.A. or B.S. degree programs. Most law schools do not require, or even recommend, that students major in any particular field; instead, most law schools prefer applicants who have pursued a course of study that gives a foundation for undertaking legal studies, with an emphasis on reading, writing, speaking, and analytical and critical thinking. However, a student wishing to practice patent law will need a degree in one of the sciences.

Prelaw students should emphasize academics. The campus Learning Center offers programs designed to help enhance reading skills. Students are encouraged to take advantage of this opportunity. Students also are encouraged to call University Career Services to schedule an appointment with Dr. Taylor in Hanes Hall (second floor). They also may wish to visit the prelaw Web site (<http://prelaw.unc.edu>), where they can gain helpful information and join the prelaw listserv to receive important announcements.

## Research Institutes and Centers

The intellectual life of the University and the research activities of undergraduates, graduate students and faculty alike receive valuable encouragement and support from a variety of institutes and centers. These institutes do not operate as instructional agencies within the University; rather, they serve to obtain financial and organizational assistance for the scholars who constitute their membership.

Most research centers and institutes can be found on the UNC Research Web site (<http://research.unc.edu/units/a-z>).

## Scholarly Journals

The University has published scholarly journals since 1884, when the *Journal of the Elisha Mitchell Scientific Society* first appeared.

The following list contains some of the publications currently produced by the University's graduate and professional programs.

*American Diplomacy* (<http://www.unc.edu/depts/diplomat>). A journal for commentary, analysis and research on American foreign policy and its practice.

*Annali d'Italianistica* (<http://www.ibiblio.org/annali>). The mission of this publication is to promote the study of Italian literature in its cultural context, to foster scholarly excellence, and to select topics of interest to a large number of Italianists.

*Carolina Papers in International Health and Development* (<http://cgi.unc.edu/about/history>). A series of UNC–Chapel Hill graduate student working papers designed to promote scholarship in the fields of health and development and to raise awareness of such issues among international studies specialists.

*Endeavors* (<http://endeavors.unc.edu>). Features outstanding research and creative work undertaken by faculty and students at the University. Distributed free, the magazine reaches 8,600 on- and off-campus readers in an effort to engage others in Carolina research.



*North Carolina Law Review* (<http://www.nclawreview.org>). Published by the School of Law to stimulate research and publication by faculty and students.

*Studies in the Romance Languages and Literatures* (<http://romlpub.unc.edu/ncsrll>). For 60 years, this publication has supported and disseminated scholarship in the romance literatures.

*The University of North Carolina Studies in the Germanic Languages and Literatures* (<http://gsll.unc.edu>). An internationally renowned monograph series in the field of Germanic studies. [gsll.unc.edu](http://gsll.unc.edu) (<http://gsll.unc.edu>)

In addition, the University of North Carolina Press (<http://uncpress.unc.edu/bm-journals.html>) publishes the following journals

*Social Forces*, one of the best known journals in sociology and related fields.

*The High School Journal*, for educational practitioners and theorists nationwide.

*Studies in Philology*, publishing articles on British literature before 1900 and articles on relations between British literature and works in the classical, Romance, and Germanic languages.

*Southeastern Geographer*, publishing the academic work of geographers and other social and physical scientists since 1961.

*Southern Literary Journal*, premier publication devoted to the fiction, poetry, and drama of the American South.

*Southern Cultures*, dedicated to the exploration of what makes the South the South.

*Early American Literature*, journal of the Division on American Literature to 1800 of the Modern Language Association.

*Appalachian Heritage*, a leading literary magazine of the southern Appalachian region.

## The University of North Carolina Press

The University of North Carolina Press (<http://uncpress.unc.edu>) is the primary publishing arm of the University in the scholarly field. In addition to its publication of the journals of research, it carries on a book publishing program of about 80 new titles a year. Electronic publications also are available. Although these books are the work of scholars from all parts of the world, the presence in the University of a professionally staffed book publishing organization, with facilities for the international distribution of works of scholarship, is a stimulus to research and writing by members of the University community. The Press' program is an important contribution to the development of that aspect of the University's service which has to do with the advancement of learning.

# RESOURCES: CAMPUS LIFE

## Campus Safety

285 Manning Drive (via Hardin Drive)  
Monday - Friday, 7:30 a.m. to 5:00 p.m.  
(919) 962-3951

UNC Police is committed to creating and maintaining an environment where students, employees, and visitors to campus can feel safe in this vital community. Through its philosophy of community-oriented policing (COP), the department strives to employ professionalism, problem solving, and innovative strategies to remain one of the premier public safety agencies in the nation.

Familiarize yourself with security resources such as the campus-wide network of emergency call boxes, Smart911, self-defense instruction, other crime prevention classes, and much more.

In addition, the University has the capacity to send emergency warnings by text message to students, faculty, and staff through its Alert Carolina initiative. The entire University community is encouraged to educate itself regarding UNC's emergency communications resources and to register cell phones for this method of communication by visiting the Alert Carolina Web site (<https://alertcarolina.unc.edu>).

The LiveSafe App provides students, faculty, and staff a direct connection to UNC Police so that everyone can easily communicate all their safety needs. Its easy-to-use features help you stay safe every day and enable us to better protect you. Benefits include the ability to share information, tips, and safety concerns with UNC Police via pictures, video, or audio messaging; easy access to call or message UNC Police to summon help; access to SafeWalk, a GPS-tagged monitoring feature that allows your friends and family to keep you virtually covered until you arrive safely at a destination; and easy-to-find information and location of safety resources on and off campus. To download and set up LiveSafe on your iPhone or Android phone, select "University of North Carolina Chapel Hill" as your affiliation and fill in your user profile.

UNC-Chapel Hill students and staff can learn how to respond in an active shooter scenario by attending a "Shots Fired" training presentation offered by UNC officers.

Concerns may be addressed at the following campus telephone numbers:

- General Information: (919) 962-3951
- Police Emergencies: 911
- Police Non-emergencies: (919) 962-8100

## Carolina Housing

Student and Academic Services Building North  
CB# 5500  
450 Ridge Road  
(919) 962-5401  
[housing@unc.edu](mailto:housing@unc.edu)

Carolina Housing (<https://housing.unc.edu>) works to provide convenient housing that is secure, inclusive and supportive. Students create a home in our on-campus communities, build lifelong friendships and develop skills for their current and future successes as they journey through their Carolina experience. Students are encouraged to work towards leaving their "HEELprint" on the larger University by connecting with resources,

taking advantage of leadership opportunities and making a difference while they are Carolina students. By getting involved, students develop an identity with the larger University community, create social networks and find opportunities for intellectual, spiritual, physical, and occupational growth.

Carolina Housing is an integral part of the academic and social community at UNC-Chapel Hill. It is committed to providing an environment conducive to the educational, psychological, and social development of residents. It strives to build a community that balances respect for the individual as well as the rights and interests of the whole community. All members of the residence hall and apartment community – residents, staff, and visitors – are expected to act in a manner that demonstrates respect and consideration for those around them.

Carolina Housing offers a variety of academic success and engagement initiatives to help student staff and on-campus residents develop healthy academic habits and support systems that lead to student success. These initiatives include residential learning programs, academic advising in the residence halls, transitional programming for first-year students, faculty engagement programs such as Meals with Heels and the Scholar in Residence, individual community programming on academic success, and an experiential education course, EDUC 318. This holistic approach complements classroom experiences and lays the foundation for students to become better prepared to succeed in life beyond college.

**Graduate Student Housing.** Carolina Housing recognizes that the living needs of graduate and professional students are usually different from those of undergraduates. At Carolina, graduate and professional students can enjoy the benefits of being affordably close to classes, facilities, and events, and living in a community of fellow graduate students where the atmosphere is characterized by early quiet hours and respect for personal time and space.

Baity Hill Graduate and Family Housing is Carolina's on-campus community for graduate students providing apartment-style housing. The property houses students with families and graduate students with roommates. This one- and two-bedroom apartment community is situated on rolling hills adjacent to the campus. The apartments are within walking distance of the campus and are served by campus and city bus routes. Rental costs compare favorably with similar area housing.

Parking is available for graduate students on a limited basis, and a fare-free campus bus service offers several routes that connect the north, middle and south regions of campus. Find specifications for apartments by visiting the "Apartments" section of the Carolina Housing Web site (<http://housing.unc.edu>).

Generally, demand for on-campus housing for graduate students exceeds the supply. On-campus housing is not guaranteed for graduate students, although every effort is made to offer a space to all applicants. Returning residents have priority to re-contract for the following academic year before spaces are offered to new graduate students. Additional information is available in the "Apartments" section of the Carolina Housing Web site (<http://housing.unc.edu>).

**Off-Campus Graduate Student Housing.** Off-campus housing refers to any housing not owned and operated by the University of North Carolina at Chapel Hill. This category includes small group housing such as fraternities and sororities, as well as apartments, houses, and rooms. Two-thirds of the University's students live in the off-campus market. Students will find furnished and unfurnished units, as well as units

within walking distance to campus or spread throughout Chapel Hill and Carrboro.

## Carolina Union

The Carolina Union (<https://carolinaunion.unc.edu>) creates safe, inclusive, and educational experiences that enable students to maximize their time at Carolina. "Carolina Union" is the term used for both the Frank Porter Graham Student Union Building and the University department that serves students in many areas of their cocurricular lives. Governed by a board of directors consisting of students and faculty, the Carolina Union's role is to unify the campus community by providing programs, services and facilities.

Cultural, educational, and social programs are planned and implemented by the Carolina Union Activities Board (<https://carolinaunion.unc.edu/programs-orgs/carolina-union-activities-board>) (CUAB).

The Union contributes to the educational mission of the University by providing cultural, social, educational and entertainment programs. The Union also provides many services for the University community, supporting and enhancing student organizations and the programs they create.

- Leadership Development (<https://carolinaunion.unc.edu/depts-services/student-life-leadership>)
- Event Services (<https://carolinaunion.unc.edu/depts-services/event-services>)
- Communications and Creative Services (<https://carolinaunion.unc.edu/depts-services/communications-and-creative-services/who-we-are>)
- Student Organizations (<https://carolinaunion.unc.edu/depts-services/student-organizations>)
- Student Activities Fund Office (<https://carolinaunion.unc.edu/depts-services/student-activities-fund-office>)

## The Office of the Dean of Students

Student Academic Services Building North, Suite 1106  
450 Ridge Road  
(919) 966-4042

The Office of the Dean of Students (<https://odos.unc.edu>) provides support and assistance to the University of North Carolina at Chapel Hill community, empowering students to succeed in navigating the University environment. Its four pillars—Care, Collaborate, Celebrate, and Empower—inform its programs, services, and initiatives. The office often serves as a beginning point of contact for students, faculty members, staff, families, and community constituencies regarding various student concerns. It supports student academic, personal, and professional development through a combination of individual initiatives, innovative outreach programs, and cocurricular opportunities, as well as policy development and oversight.

## Off-Campus Student Life

2100 Granville Towers Lane South  
(919) 843-5827  
[offcampus@unc.edu](mailto:offcampus@unc.edu) (e-mail)  
[offcampus.unc.edu](http://offcampus.unc.edu) (<http://offcampus.unc.edu>) (Web)  
[offcampushousing.unc.edu](http://offcampushousing.unc.edu) (<http://offcampushousing.unc.edu>) (Web)

In alignment with the mission of Student Affairs at the University of North Carolina at Chapel Hill, Off-Campus Student Life ([\[offcampus.unc.edu\]\(http://offcampus.unc.edu\)\) is committed to educating all students \(undergraduate, graduate and professional\) in life skills related to living off campus and in the community. These skills include:](http://</a></p>
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- Becoming responsible tenants and community members knowledgeable of city ordinances and community quality of life issues
- Making informed choices about housing and roommates
- Gaining proficiency in problem solving when landlord and roommate difficulties arise
- Understanding personal safety and responsibility

For many students, transitioning into off-campus housing is as much a part of their college experience as first moving into the residence halls. For graduate and professional students, living in graduate housing like Baity Hill or in the community (Chapel Hill, Carrboro, or beyond) during their entire time at Carolina fits with their place in life and needs as a post-college adult. But, there can be significant challenges when leaving the intentional structure of an on-campus living environment. We are here to help students navigate their way as successful neighbors in our greater Chapel Hill-Carrboro community. We advocate for and educate toward the development of students as knowledgeable, active, and responsible community citizens. Students living off campus and in the community have rights and responsibilities associated with their pursuit of an enjoyable and safe living experience. We provide services and educational opportunities to promote the understanding of these rights and responsibilities throughout the off-campus student population.

## Fraternity and Sorority Life

3508 FPG Student Union, CB# 5210  
(919) 962-8298  
[greeks.unc.edu](http://greeks.unc.edu) (<https://greeks.unc.edu>) (Web)  
[twitter.com/uncgreeks](https://twitter.com/uncgreeks) (<http://twitter.com/uncgreeks>) (Web)  
[greeklife.unc@gmail.com](mailto:greeklife.unc@gmail.com) (e-mail)

Fraternity and Sorority Life (<https://ofslci.unc.edu>) provides services, programs, and assistance to the 60 fraternities and sororities that make up the Chapel Hill Greek community. The office's mission is to enhance the academic experience, holistic development, and civic contribution of students by providing effective services and developmental opportunities that enrich the Carolina experience. Fraternity and Sorority Life advocates for the fraternal movement by educating, advising, and empowering fraternities and sororities and their members to live according to their organizational values and contribute to the University and greater community.

## Information Technology Services

Web: [its.unc.edu](http://its.unc.edu) (<http://its.unc.edu>)  
E-mail: [help@unc.edu](mailto:help@unc.edu)  
Telephone: (919) 962-HELP (4357)  
T: 711 NC RELAY

Information Technology Services (ITS) leads UNC—Chapel Hill in planning, implementing and maintaining the University's technology services. The ITS staff is dedicated to delivering reliable, secure, and satisfying information technology solutions and experiences to the University community. ITS collaborates with a broad spectrum of faculty, student, and staff stakeholders to ensure effective, efficient, and timely services that meet their needs.

## 2-Step Verification

[its.unc.edu/2-step](http://its.unc.edu/2-step) (<http://catalog.unc.edu/resources/campus-life/its.unc.edu/2-step>)

The main benefit of activating 2-step verification is a **significant increase** in protection of your account from hackers. We are all used to having one layer of security — our password — to protect our accounts. With 2-Step, if a criminal gets through the password layer, he or she will still need your phone or other second verification method to get into your account.

Step is required within ConnectCarolina to access W2s and student financial information. As of spring 2018, 2-step verification is also required for students to use Office 365, including Heelmail.

## Adobe Creative Cloud

[adobe.unc.edu](http://adobe.unc.edu) (<http://adobe.unc.edu>)

UNC–Chapel Hill provides all students and instructional faculty and staff with access to Adobe Creative Cloud, a package of creative desktop applications for digital imaging, design, Web and video, plus online services and storage. Popular creative desktop and mobile tools available with Adobe Creative Cloud licenses include Photoshop, Illustrator, Acrobat Pro, and InDesign. These programs are utilized frequently in the classroom and are now available at no additional cost to students. New students can activate their license by visiting [adobe.unc.edu](http://adobe.unc.edu) (<http://adobe.unc.edu>).

## Carolina Computing Initiative (CCI)

[cci.unc.edu](http://cci.unc.edu) (<http://cci.unc.edu>)

As part of the University's coordinated technology plan, the Carolina Computing Initiative (CCI) aims to ensure that Carolina students, faculty, and staff have access to high-quality computers and exceptional support services. The CCI is one of a number of University initiatives to ensure that the academic community has the tools needed to prepare for 21st-century digital literacy. Undergraduate students are required to bring laptops that meet the minimum standards set by the University for their graduating class. Eight out of every 10 students choose a CCI laptop package to fulfill this requirement. Students who own a CCI model laptop receive the highest level of support available on campus, including on-campus hardware repairs and access to loaner laptops.

Many students who choose a CCI laptop package are eligible for assistance with purchasing the laptop. Laptop grants that cover the entire cost of the CCI laptop package are awarded to incoming students throughout the summer. New students can apply for this need-based financial aid by submitting the College Board CSS/Financial Aid Profile to UNC–Chapel Hill. Recipients of these laptop grants will be notified in April or just after being admitted and can redeem them at their time of purchase. For more information on the laptop grants, see [cci.unc.edu/new-students/laptop-grant](http://cci.unc.edu/new-students/laptop-grant) (<http://cci.unc.edu/new-students/laptop-grant>).

### Why Standardize?

Adopting the University's computer standards offers students and families the most value for their money, the highest level of technology at the best price, and access to convenient and reliable support on campus. Standardization reduces the number of problems that would typically arise from using a variety of hardware, software and operating systems. It also enables faculty members to more readily incorporate technology into

their instruction and that the technology-related disruptions will be kept to a minimum.

### Why a Laptop for Your Student?

Portable laptops give students access to learning resources (online discussion forums, library resources, and class notes) and student services (grades, schedules, and registration) anytime, anywhere. Students are able to take laptops to class, remain in touch with their professors outside of class time, work with classmates anywhere on campus or at a Franklin Street café, or conduct research at home during the weekend.

## Buying Your Student's Computer

The Tech Shop  
(919) 962-2422

All CCI laptop package purchases are made through the Tech Shop, the technology division of the UNC–Chapel Hill's Student Stores. For information on purchasing computers that meet the University's specifications, go to [cci.unc.edu](http://cci.unc.edu) (<http://cci.unc.edu>).

### First-Year Students

While first-year students are not required to purchase a Carolina Computing Initiative (CCI) laptop, the vast majority do (more than 80 percent on average). Students who opt to bring a different model laptop are still required to bring a laptop that meets the technology requirements specified by the University. For details on the University's laptop specification, visit [cci.unc.edu/new-students/minimum-specs](http://cci.unc.edu/new-students/minimum-specs) (<https://cci.unc.edu/new-students/minimum-specs>).

While software and operating system support is available for non-CCI laptops, the level of support for students who own a CCI laptop is much higher. Hardware support and loaner laptops are available on campus for students who own CCI laptops, while for non-CCI laptops, hardware support is the responsibility of the student. For more information about the advantages of owning a CCI model specifications, visit [cci.unc.edu/new-students/why-buy-cci](http://cci.unc.edu/new-students/why-buy-cci) (<http://cci.unc.edu/new-students/why-buy-cci>).

### Transfer Students' Minimum Laptop Specifications

Students are required to have a laptop that meets minimum specifications for their class year. All CCI computer models offered meet these requirements and are available for purchase by transfer students. For details on the University's laptop specifications, visit [cci.unc.edu/new-students/minimum-specs](http://cci.unc.edu/new-students/minimum-specs) (<http://cci.unc.edu/new-students/minimum-specs>).

### Insurance and Warranty

Laptops purchased through the CCI come with a comprehensive, four-year protection plan that exceeds the coverage available under standard homeowners insurance and the manufacturer's warranty. This protection plan covers theft, accidental damage, and damage from a power surge, fire, or natural disaster while in the United States, Canada, and Puerto Rico. The policies include a \$100 deductible per incident. International insurance is also available upon request. For more insurance and warranty information, visit [cci.unc.edu/new-students/insurance-warranty](http://cci.unc.edu/new-students/insurance-warranty) (<http://cci.unc.edu/new-students/insurance-warranty>).

## Printing

ITS Labs offers the Pharos Printing System. UNC–Chapel Hill fee-paying students are given an allotment of pre-paid pages on their One Card for printing each semester. Once the allotted pages have been used, students may purchase additional pages. In addition to campus locations, print stations can also be found in most on-campus housing communities. Students can print directly to these print stations by installing the CCI Printing software from [shareware.unc.edu](http://shareware.unc.edu) (<http://shareware.unc.edu>). More details on this service are available at [cci.unc.edu/printing](http://cci.unc.edu/printing) (<http://cci.unc.edu/printing>).

## ITS Service Desk

The ITS Service Desk is the central point of contact for students who need assistance with technology issues. Assistance is free and available 24 hours a day, seven days a week. Students who need help with a technology problem can call the Service Desk at (919) 962-HELP, chat live with the ITS Service Desk live via the Web at [help.unc.edu](http://help.unc.edu) (<http://help.unc.edu>), or visit one of two on-campus locations. The Service Desk can assist students with hardware and software problems as well as questions about UNC–Chapel Hill technology services.

CCI computers are repaired on campus. While students' CCI machines are being repaired, the Service Desk may be able to provide students with one of a limited number of loaner laptops. For more information, students should inquire at the Service Desk when they request service.

## ResNET: Residential Networking, Education, and Technology

The ITS ResNET team is responsible for providing on-site IT support and IT education for on-campus residents and the Department of Housing and Residential Education. The ResNET program, one of the largest in the nation, is comprised of student employees who live in the residence halls in addition to four full-time staff. ResNET also provides support for high-speed wired and Wi-Fi networking and maintain the IT systems and processes that run the Carolina Housing operation. Each semester ResNET hosts 30+ Tech Tune-Up service events in the residence halls at which residents can have their computers physically cleaned, updated, and scanned for malware.

Note: Granville Towers residents receive internet services from a third-party company and should contact Granville for more details.

### Cable Television

Students living on campus have access to high-quality cable television service, including more than 100 cable television channels in high-definition (HD). Support for residence hall cable television service is provided by ResNET. For more information or to view the cable television channel line-up, visit [help.unc.edu](http://help.unc.edu) (<http://help.unc.edu>) and search for CATV.

### Telephone Services

All residence hall telephone services are handled by AT&T (the local telephone franchise). There is no active phone service in the residence halls; residents must first contact AT&T to request residential service activation and to set up billing. For more information visit [housing.unc.edu/residence-life/your-room/telephone.html](https://housing.unc.edu/residence-life/your-room/telephone.html) (<https://housing.unc.edu/residence-life/your-room/telephone.html>).

## Download CarolinaGO

CarolinaGO, the University's official mobile app, is a collaboration between ITS and student leaders. With CarolinaGO, students can access

a mobile version of ConnectCarolina, check dining hours, find bus schedules, check CCI printing availability, and more. A walking directions module also makes it easy for new students and families to navigate campus. Search "CarolinaGO" in the iTunes and Google Play app stores to download.

## Stay Up to Date with ITS

During the course of the academic year, technology changes and/or unplanned outages sometimes occur. ITS encourages students and family members to follow us on Twitter @UNCTarHeelTech. We post upcoming maintenance windows, technology changes, outage information, training information, and more.

## The James M. Johnston Center for Undergraduate Excellence

225 Graham Memorial  
218 E. Franklin Street  
(919) 966-5110

The James M. Johnston Center for Undergraduate Excellence (<http://honorscarolina.unc.edu/johnston-center>) is a "democracy of learning" open to students, faculty, alumni, and visitors from all corners of the Carolina campus and beyond. The mission is to encourage undergraduates' active engagement with research, scholarship, and artistic endeavor; to promote innovative teaching; and to provide a social setting in which students can engage in thoughtful discussions with professors and classmates.

The Johnston Center houses Honors Carolina (<http://honorscarolina.unc.edu>), the Office of Burch Programs (<http://honorscarolina.unc.edu/fellowships/burch-fellowship>) and Honors Study Abroad (<http://honorscarolina.unc.edu/global-honors>), the Office of Distinguished Scholarships (<http://honorscarolina.unc.edu/ods>), the Office for Undergraduate Research (<http://honorscarolina.unc.edu/research>), the Robertson Scholars Program, and the Beasley Multimedia Center.

The Johnston Center's student-faculty advisory committee advises its director on all aspects of programming and planning.

## LGBTQ Center

Student Academic Services Building South, Suite 3308  
385 Manning Drive  
(919) 843-5376  
[lgbtq@unc.edu](mailto:lgbtq@unc.edu)

The Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) Center (<https://lgbtq.unc.edu>) works to foster a welcoming and inclusive environment for UNC–Chapel Hill community members of all sexual orientations, gender identities, and gender expressions. The LGBTQ Center offers educational programs such as Safe Zone, social events such as Center after Dark on Wednesday evenings, and direct support and advocacy to students, staff, and faculty.

## Minority Male Mentoring and Engagement

Student Academic Services Building North, Suite 2203  
(919) 966-5245  
Christopher Faison ([cdf@unc.edu](mailto:cdf@unc.edu)), M.A., *Coordinator*

The Minority Male Mentoring and Engagement (<http://menofcolor.unc.edu>) initiative, housed in the Center for Student Success



and Academic Counseling (<http://cssac.unc.edu>) (CSSAC), develops, implements, and assesses programming for minority males. It focuses on mentoring and promoting academic success and engagement, especially for students after their first year at the University. The coordinator trains and supervises graduate/professional students, faculty and staff members, alumni, and members of the community to engage and mentor undergraduates in high impact activities. Additionally, this initiative provides a clearinghouse for University-wide efforts tailored to undergraduate, underrepresented males of color. See the Men of Color Engagement (<http://menofcolor.unc.edu>) Web site.

## New Student & Family Programs

Student Academic Services Building South, Suite 3318  
(919) 962-8304  
[newstudents@unc.edu](mailto:newstudents@unc.edu)

The mission of New Student & Family Programs (NSFP) is to provide new undergraduate students the information and activities needed to transition smoothly to the University of North Carolina at Chapel Hill, and to promote an ongoing relationship between the families of all current undergraduate students and the University in support of their students' success at Carolina.

To fulfill this mission, New Student & Family Programs provides a number of transition programs and services, communications for new students and families, and student leadership opportunities.

All new first-year and transfer students (and their families) attend New Student Orientation prior to their first semester at Carolina. The transition process continues when students arrive each fall with a variety of Tar Heel Beginnings program offerings, including Week of Welcome. NSFP is also home to several transfer student initiatives, including the Tar Heel Transfers student organization, Tau Sigma honor society, and Transfer Student Ambassador Program.

NSFP's family programming includes Carolina Family Weekend each fall, regular communications through our UNC Family Experience portal, and family engagement opportunities through Carolina Parents Association and Parents Council.

NSFP provides a number of student leadership opportunities with five student employee teams, including our Orientation Leaders, the Tar Heel Beginnings Board, Transfer Student Ambassadors, Project Coordinators, and our Undergraduate Fellows.

## Student Affairs

Carr Building  
230 East Cameron Avenue  
(919) 966-4045  
[studentaffairs@unc.edu](mailto:studentaffairs@unc.edu)

Student Affairs (<https://studentaffairs.unc.edu>) serves the University of North Carolina at Chapel Hill in collaboration with academic programs by providing transformational opportunities for students in the areas of student life, health and wellness, leadership and service, and diversity.

The importance of the learning process is paramount at the University of North Carolina at Chapel Hill. Student Affairs provides many services and programs that encourage and support the learning that takes place beyond the classroom. These departments and programs aim to assist students in integrating the various aspects of their lives so as to promote learning, self-awareness, self-determination, and broadened perspectives on the world. Student Affairs departments and programs

afford students the opportunity to gain knowledge and develop skills to improve performance inside and outside the classroom; to enhance leadership potential; to find opportunities to serve fellow students and the community; to explore, plan, and prepare for a career; to plan for an active and rewarding life; to develop citizenship; and to improve interpersonal and life skills.

While Student Affairs offers programs designed primarily for undergraduate students, The Graduate School, on its own and in conjunction with various Student Affairs offices, offers programs and services intended to specifically address the needs of graduate and professional students.

The Office of the Vice Chancellor coordinates Student Affairs programs and provides guidance and leadership for its departments. The office also acts in a consulting role for faculty, administrators, and students who wish to raise issues that concern the University community, with a particular focus on student needs.

## Student Dining Services

Carolina Dining Services (<https://dining.unc.edu>) operates 10 separate dining facilities at UNC—Chapel Hill. Meal purchases can be made with the UNC One Card using a meal plan, Dining Flex, À la carte, expense, or cash. All meal purchases made with the UNC One Card are not subject to the 6 percent North Carolina state sales tax on such items. Cash purchases are taxable. To find out more about acquiring a UNC One Card, visit the One Card Office Web site (<https://onecard.unc.edu>) or the UNC One Card office on the third floor of UNC Student Stores.

Students can use their meal plans at several of the campus all-you-care-to-eat dining facilities. Top of Lenoir is an award-winning facility with an array of menu choices. The Rams Head Dining Hall is a 30,000 square foot state-of-the-art facility that includes several restaurants and all-you-care-to-eat venues.

Carolina Dining Services offers several meal plans that offer the convenience and value of purchasing meals on campus ahead of time.

## Student Government

The by-laws of the Board of Trustees of the University invest in the chancellor of the University "the duty . . . to exercise full authority in the regulation of student conduct and in matters of student discipline." At the same time the chancellor has delegated authority to exercise disciplinary and administrative functions in student life to agencies of student government. Within the context of this delegated authority and responsibility, the student body at the University has been self-governing for decades.

Student government at Carolina is more than 100 years old, and hundreds of students are involved in the various branches every year. From serving on the Board of Trustees to the appropriation, oversight, and authority of student fees, from instituting governmental service to enforcing the Honor Code, student government affects the life of every student every day.

The entire framework of student government's activities rests on its ability to maintain the foundation of administrator-student relations. The University should serve as an advisor, not as a supervisor, to the student body. To enjoy this freedom, students at Carolina must be willing to take a certain amount of responsibility to develop their own community and community values. Student government serves to maintain this freedom and the advisory, not supervisory, relationship.

In 1876 the Honor System officially ended all vestiges of the monitorial system; in 1904 a judicial body, the University Council, was established; in 1938 the Student Legislature was established; and in 1946 a written constitution was approved. In 1968 the coeducational Honor Court was formed out of the Men's Court and Women's Court to hear all Honor Code cases. The *Instrument of Student Judicial Governance* was ratified and put into operation in 1974, was significantly revised in 2003, and then amended in 2015 and 2017.

Student government at UNC–Chapel Hill approximates the federal system of government with its three branches: an executive branch, a legislative branch, and a judicial branch.

## The Executive Branch of Student Government

This group (<http://execbranch.unc.edu>) serves as the official voice of the student body to the University and broader community, including the town of Chapel Hill and the state of North Carolina. Heading the executive branch is the student body president, assisted by the vice president, the president of the Graduate and Professional Student Federation, student body treasurer, student body secretary, the chief of staff, and the senior advisor. As determined by and reflective of the needs of the student body, the president structures his/her cabinet and committees and makes appointments to a wide range of University committees that address those needs and other concerns as they arise during the year. These committees usually include hardship parking, elections board, University services, information technology, student life, minority affairs, first-year focus council, and public service.

## Legislative Branch

Student Congress (<http://congress.unc.edu>) is unicameral, consisting of 41 representatives elected by the student body, with the student body president and the student body treasurer serving as nonvoting ex officio members. The speaker of the Student Congress is elected from among the 41 representatives. Graduate and professional students and on- and off-campus undergraduates are proportionally represented in the Congress.

Student Congress handles considerable legislation and, as one of its primary responsibilities, oversees the student activity fees budget and other student fee areas. Established by student and University committees before approval by the Board of Trustees, a predetermined amount of the fees paid by each student provides the source of funds for Student Congress's annual allocation and subsequent appropriations budgets. These funds are allocated to petitioning student organizations that have received official University recognition. The student body can petition for changes in the student activities fee at any time.

Student Congress representatives are elected in the spring for one-year terms, and each member serves on one of three standing committees: finance, rules and judiciary, and student affairs. A fourth committee, ethics, is composed of senior members of the Congress.

## Judicial Branch

There are two major areas that comprise the judicial branch; the first is responsible for the *Instrument of Student Judicial Governance*, and the second is responsible for resolving issues related to the Student Code (<http://congress.unc.edu/student-code>).

The Honor Court hears all cases involving potential violations of the Honor Code. There are separate courts for undergraduate students, graduate students, and students in the Schools of Law, Medicine,

Dentistry, Pharmacy, and Business. The Honor Court is organized as follows:

- Office of the Student Attorneys General: The appropriate (undergraduate or graduate) student attorney general investigates all potential violations of the Honor Code. Staff members also present cases to the Honor Court and assist students accused of violating the Honor Code.
- University Hearings Board: These boards are made up of faculty, staff, and students. The University Hearings Board generally hears appeals of Honor Court cases.
- Students interested in serving on the Honor Court or the student attorney general's staff should contact the Honor System Office at (919) 966-4084 for information about how to apply.
- Student Supreme Court: This court adjudicates all issues of student constitutional law to be decided under the Student Code. This body most closely fills the traditional judicial branch of government and consists largely of students with previous experience in student government, mediation, and/or law.

## For Graduate Students

The Graduate and Professional Student Federation (GPSF) (<http://gpsf.unc.edu>), the official representative of graduate and professional students at the University, is organized based on school, departmental, and curricula organizations. The GPSF provides communication between graduate and professional students, represents graduate and professional students both within and outside the University community, and provides structures capable of dealing with ongoing issues and concerns. It also allocates and administers the funds appropriated to it from student fees. Every duly enrolled graduate and professional student is automatically a member of the GPSF.

## Transportation and Parking

Public Safety Building at 285 Manning Drive (via Paul Hardin Drive)  
(919) 962-3951  
Weekdays 7:30 a.m. to 5:00 p.m.

Transportation and Parking (<https://move.unc.edu>) is an essential part of UNC and is responsible for coordinating all traffic, parking, and transportation around campus.

## Parking

Every student at UNC–Chapel Hill who parks an automobile on weekdays in University parking areas is required to obtain and display a parking permit. Parking permit holders must park only in specific zones as indicated on their parking permits. Please note the signs at the entrances to each lot which detail the hours of enforcement for that parking area.

Students may apply for parking permits during online registration procedures (<https://move.unc.edu/parking/student-parking>) or at the UNC Transportation & Parking offices in the Public Safety Building. Vehicles found parked illegally may be cited by Transportation & Parking's Parking Control Division, and subsequent violations may result in further citations, immobilization ("booting"), or towing of the vehicle. Citations may be appealed through UNC Transportation & Parking's Appeals Office within 10 calendar days upon receipt of the citation. Citations can be appealed in person during office hours Monday through Friday from 7:30 a.m. to 5:00 p.m., online (<https://moveunc.t2hosted.com/cmn/auth.aspx>), or by regular mail.

The Parking Control Division operates MAP, the cost-free Motorist Assistance Program. If a vehicle requires a jump start or if the keys

are locked inside the vehicle, motorists may call for assistance at (919) 962-8006, during business hours. During all other times (and on University holidays), UNC Police may be contacted for jump starts at (919) 962-8100.

## The Commuter Alternative Program

The Commuter Alternative Program (<https://move.unc.edu/cap>) (CAP) is designed to reward campus community members for the use of bicycling, walking, transit, and ridesharing. CAP is only available to off-campus students who do not have a parking permit. CAP offers prizes, discounts from local merchants, and other benefits to all members.

## Local and Regional Transit

The University, Chapel Hill, and Carrboro work together to provide the fare-free Chapel Hill Transit (<http://www.townofchapelhill.org/town-hall/departments-services/transit>) system. No bus pass is needed when boarding a Chapel Hill Transit bus, and anyone can ride. Campus U route and RU (Reverse U) shuttles run in continuous loops from 7:00 a.m. to 8:00 p.m., serving nearly every area on campus.

Commuting students can use any of the Park & Ride lots served by Chapel Hill Transit. All Park & Ride lots require a permit, which may be purchased through UNC (<https://move.unc.edu/transit/park-ride>) or through the Town of Chapel Hill (<http://www.townofchapelhill.org/town-hall/departments-services/transit/park-ride>). In the case of an emergency, UNC–Chapel Hill's Emergency Ride Back service is available to provide transportation to the Park & Ride lots or any location within Carrboro or Chapel Hill municipal boundaries.

Regional transit to RDU Airport, Raleigh, Durham, Hillsborough, and other nearby cities is available through GoTriangle (formerly Transit Transit). GoTriangle also provides free Park & Ride lots around the area. Get transit directions using Google Maps (<https://maps.google.com/landing/transit>) and see buses in real-time online (<http://triangle.transloc.com>) or by downloading the TransLoc Rider app. For more route information, call GoTriangle at (919) 485-RIDE or visit the GoTriangle Web site (<https://gotriangle.org>).

## Point-to-Point

Point-to-Point (<http://move.unc.edu/p2p>) (P2P) offers fare-free, fixed-route service aboard the P2P Express buses, operating on a continuous loop around campus during evening hours, 7:00 p.m. until 4:00 a.m., seven nights a week when residence halls are open during fall, spring, and summer semesters. Students must show their UNC OneCard to board the P2P Express. After dark, a demand-response van can be accessed by students in areas that are not served by the P2P Express route. P2P also offers fare-free, demand-response transportation service to disabled students and students going to or from Campus Health Services 24 hours a day.

## Safe Ride

Safe Ride, operated by Chapel Hill Transit (<http://chtransit.org>), aims to provide increased mobility between 11:00 p.m. and 2:30 a.m. There are three Safe Ride bus routes operating on Thursday, Friday, and Saturday nights. They provide service between campus and many private student housing developments, as well as other off-campus destinations.

## UNC Bicycle Registration

Bicycle registration is required for bicycles on campus. The program serves as a deterrent to crime, aids in the identification of lost or stolen bicycles, and enables UNC to plan for improved bicycle parking facilities around campus in the future. All students who register their bikes will

receive a 50-percent-off coupon for a u-lock from UNC Student Stores. Forms for the free bicycle registration are available online (<http://move.unc.edu/bike>) or at the Public Safety Building. Cyclists who live off-campus may join the Commuter Alternative Program.

## ShareTheRideNC Rideshare Matching

ShareTheRideNC (<http://unc.sharetheridenc.org>) is an easy way to share the seats in your car or catch a ride. The UNC–Chapel Hill private ShareTheRideNC community allows you to find friends, classmates, and coworkers going the same way you are. ShareTheRideNC helps you offer or request rides for commutes, road trips, and popular events. If you have a car, split costs by offering rides. If you don't have a car, find rides where you need to go.

## Zipcar

In 2004 UNC–Chapel Hill introduced Zipcar (<http://www.zipcar.com/universities/university-of-north-carolina-chapel-hill>), the world's largest provider of cars on demand by the hour or day. Since then, students, faculty members, and staff from UNC–Chapel Hill have been taking advantage of this car-sharing program by self-reserving Zipcars on campus, 24 hours a day, seven days a week, though online and mobile devices.

## For More Information

Concerns may be addressed at the following campus telephone numbers:

- General Information (919) 962-3951, 3952
- Parking Control (919) 962-8006
- Accounts Receivable (919) 962-6073
- Parking Appeals (919) 962-3953
- Point-to-Point Shuttle Dispatcher (919) 962-7867 (962-"P-TO-P")
- Commuter Alternative Program (919) 843-4414

Students with temporary physical handicaps or other hardships requiring special consideration should contact Accessibility Resources & Service (<http://accessibility.unc.edu>) for complete information on transportation options.

# RESOURCES: CAREER PLANNING

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## University Career Services

219 Hanes Hall  
204 E. Cameron Avenue  
ucs@unc.edu

University Career Services (<http://careers.unc.edu>) (UCS) provides information, career counseling and coaching, interest assessments, and career-related programs and services to help students learn about various careers and how to prepare for them, make career decisions, acquire job/internship search skills, interact with potential employers, and apply for graduate and professional schools. The mission of University Career Services is to support the mission of the University and Student Affairs by providing personalized and innovative career education to empower student success and transformation.

Our vision is for all UNC–Chapel Hill students to create lives of purpose and prosperity in alignment with their personal goals.

Services for both undergraduate and graduate students include workshops one-one-one meetings, full- and part-time job and internship opportunities online (Handshake (<https://careers.unc.edu/students/resources/handshake>)); CliftonStrengths and other assessments; and many print and electronic resources. Our programs include career panels and fairs, industry nights, and law school exploration day. Services are limited to students in a UNC–Chapel Hill degree or certification program and alumni who have graduated within six months.

Students in law, dentistry, and medicine and students enrolled in the M.B.A. and M.A.C. programs are served by career services in their departments, rather than by UCS.

Office hours are from 8:00 a.m. to 5:00 p.m. Monday through Friday.

# RESOURCES: HEALTH AND WELLNESS

## Accessibility Resources & Service

Accessibility Resources & Service (<https://accessibility.unc.edu>) (ARS) supports the University's commitment to accessibility. In consultation with faculty members, staff, and students, ARS works to identify and eliminate barriers that limit a student's ability to independently meet the demands of University life. Individual needs are addressed on a case-by-case basis through the provision of reasonable accommodations that allow the University to maintain the integrity of its programs and services.

Prospective and existing students may register with ARS through the submission of a self-Id and documentation (<https://accessibility.unc.edu/register>).

ARS is located in the Student Academic Services Building North (Suite 2126) between the Rams Head Center and Morrison Residence Hall. Office hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. The staff can be contacted by telephone at (919) 962-8300 (V) (TTY-711 [NC RELAY]) or by email at [ars@unc.edu](mailto:ars@unc.edu).

## Campus Health Services

Campus Health Services (<http://campushealth.unc.edu>) (CHS), located next to Kenan Stadium in the James A. Taylor Building, provides a broad range of health care services including primary care, orthopedics, obstetrics and gynecology, nutrition services, dermatology, travel information and immunization, and allergy management. For convenience, in-house laboratory, radiology, pharmacy, and physical therapy services also are available. CHS also provides counseling and psychological services; please see the Counseling and Psychological Services section for greater detail about services offered.

### Eligibility

Any student or postdoctoral fellow who has paid the campus health fee for the current semester or summer session is eligible for health care at CHS. Spouses of full-time students and postdoctoral fellows can receive care at CHS.

### Health Fee

Currently, the fee covers the cost of most professional services (there is no charge for office visits) provided by CHS physicians, nurse practitioners, physician's assistants, nurses, physical therapists, and registered dietitians. The health fee also provides reduced charges for prescription drugs, miscellaneous supplies, laboratory tests, X-rays, medical procedures, and specialty services. Spouses of students are eligible to receive the same services as students by paying the campus health fee at CHS and demonstrating appropriate insurance coverage.

### Hours

Hours of operation vary according to the academic calendar. Hours of operation during the academic year are 8:00 a.m. to 6:00 p.m. Monday through Friday. Students are typically seen on an appointment basis from 8:00 a.m. to 5:00 p.m. Acute care services are provided between 8:00 p.m. and 6:00 p.m. Monday through Friday and from 8:00 a.m. to 5:00 p.m. on Saturday and Sunday during the fall and spring semesters. Weekend acute care services are considered premium services and there is an associated visit charge. Hours of operation in the summer are 8:00

a.m. to 5:00 p.m. Monday through Friday. If CHS is closed, students have access to a nurse advice line through UNC Healthlink, and there is always a CHS physician on call. Call (919) 966-2281 to verify hours of operation, schedule an appointment, or to speak with the Healthlink nurse when CHS is closed.

## Immunizations

North Carolina law mandates that all new students at the University document the completion of immunization requirements. Failure to comply may result in cancellation of registration 30 days after classes begin. Vaccines are offered at Campus Health Services at reasonable rates for students who need to complete their immunization requirement.

## Mandatory Health Insurance

The University requires proof of health insurance as a condition of enrollment. The University offers a group health insurance plan, including major medical benefits to single and married students, their spouses/partners, and children.

## Campus Recreation

Campus Recreation offers amenities for all fitness and recreation wants, needs, and desires of the UNC population. It provides a diverse and intentional recreational program in a safe, inclusive, and accessible environment which enhances the social, mental, and physical well-being of the entire University community. Campus Recreation enjoys a unique dual reporting relationship with the Department of Exercise and Sport Science (EXSS) and its rich history and commitment to a healthy and active lifestyle, and with Student Affairs, which represents the Carolina spirit of student development and learning outside the classroom.

## Facilities

Campus Recreation offers a variety of facilities to satisfy the wants and needs of all UNC students, faculty members, and staff. The two fitness centers, the Student Recreation Center and Rams Head Recreation Center, offer cardiovascular and weight training equipment, as well as an indoor track, locker rooms, and group fitness studios. Basketball, squash, and racquetball courts, along with equipment for check-out, can be found throughout Fetzer Hall and Woollen Gym. These facilities also feature a cycle studio, climbing walls, and multipurpose rooms that can function for practice and instruction of a variety of fitness types. Both an indoor and an outdoor pool are located near the heart of campus. North and South Campus feature recreation complexes and fields for playing basketball, volleyball, tennis, and any other sport. The Outdoor Education Center, located off Country Club Road, is also a great facility for experiencing how recreation and the outdoors can go hand-in-hand.

## Intramural Sports

Intramural Sports offers opportunities for students to compete against their peers in a friendly and structured environment.

## Sport Clubs

A sport club is a University-recognized student organization formed by individuals with a common interest in a sport. Its primary goal is to promote and develop interest in a particular sport and recruit new members. Clubs may be instructional, recreational, and/or competitive.

## Fitness

Fitness is housed in the Student Recreation Center (SRC) and Rams Head Recreation Center (RHRC). Both facilities offer a wide variety



of cardiovascular equipment, including many stationary bikes, stair climbers, treadmills, and cross-trainers/elliptical machines.

Over the years, Fitness and Counseling and Wellness Services (of Campus Health Services) have teamed together to enhance student wellness through greater collaborative programming, such as Powerfully Pink (a breast cancer awareness program), Women's Health and Fitness Day, the Farmer's Market, Fit Wellness into Your Day, and the Get Fit from Head to Heel Challenge.

## Counseling and Psychological Services

Counseling and Psychological Services (<https://caps.unc.edu>) (CAPS), a department of Campus Health Services, is located on the third floor of the James A. Taylor Building.

The CAPS staff is strongly committed to addressing the mental health needs of a diverse student body through timely access to consultation and connection to clinically appropriate services. CAPS affirms that people of every background are to be treated with respect and dignity. The professional ethics and standards of the multidisciplinary staff at CAPS set a framework for understanding how facets of identity (e.g., gender, ethnicity, race, sexual orientation, gender identity/expression, age, physical and mental abilities, religious beliefs, and socioeconomic background) impact life experience. The CAPS approach to mental health integrates physical, emotional, academic, spiritual, social, and cultural well-being. Counseling and Psychological Services include individual, couples, and group therapy, urgent consultation and crisis intervention, and medication evaluation/management. The CAPS staff consists of licensed psychologists, psychiatrists, clinical social workers, psychology practicum students, interns, and administrative support personnel.

Counseling and Psychological Services can be reached Monday through Friday from 8:00 a.m. to 5:00 p.m. at (919) 966-3658. CAPS invites initial evaluations without an appointment Monday through Thursday from 9:00 a.m. to noon and 1:00 p.m. to 4:00 p.m., and on Friday from 9:30 a.m. to noon and 1:00 p.m. to 4 p.m. Students who have a psychological crisis should call (919) 966-3658 immediately. If the crisis occurs after hours, call Campus Health Services at (919) 966-2281.

## Student Wellness Services

Student Wellness Services (<http://studentwellness.unc.edu>) seeks to enhance the individual and collective health of the community through a wide range of programs, services, and resources. Through partnerships with other campus departments, community agencies, student organizations, and peer mentors, we work to develop and advocate for a campus and community environment that creates, emphasizes, and supports healthy choices and positive decision making regarding health, safety, and wellness.

Student Wellness promotes wellness as a journey rather than an outcome and believes that students' health choices, as well as the culture of the community around them, involve a dynamic and multifaceted integration of eight dimensions of wellness: physical, emotional, spiritual, social, cultural, environmental, intellectual, and financial. Using these dimensions, Student Wellness provides integrative programs and services related to a variety of health topic areas, including healthy relationships and sexual health; stress management; sleep hygiene; alcohol and other substance education, interventions, and recovery supports; and violence prevention.

Student Wellness provides these programs and services on an individual, group, and larger campus community level.

Student Wellness Services has two locations: the first floor of the Student Academic Services Building (SASB) South, and the second floor of the James A. Taylor Campus Health Services Building. The office can be reached Monday through Friday from 9:00 a.m. to 5:00 p.m. at (919) 962-9355.

# RESOURCES: SERVICE AND LEADERSHIP

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## Campus Y

The Campus Y (<http://campus-y.unc.edu>) is an extraordinarily vibrant, student-driven organization, promoting social justice and social innovation locally, nationally, and internationally. Over more than a century and a half of service, it has incubated such essential campus institutions as Student Stores, Career Services, Intramural Athletics, and New Student Orientation. It has also provided the incubation space and resources for launching fully independent nonprofit organizations such as Nourish International, the Student Environmental Action Coalition, and the Student Coalition for Action in Literacy Education. Over the course of a typical year, approximately 2,000 UNC-Chapel Hill students channel their idealism, passion, and sweat equity into a diverse array of service and advocacy initiatives, including but not limited to public health, youth development, education, human rights, micro-finance, food security, and environmental advocacy. The Campus Y is led by the student executive board and the chairs of more than 30 committees and is supported by a professional staff of three full-time employees. Students are encouraged to visit the Campus Y offices in the YMCA Building, adjacent to South Building, to learn about these opportunities and campus, community, youth, and global social justice issues.

## Carolina Center for Public Service

The Carolina Center for Public Service (<http://ccps.unc.edu>) offers a variety of programs that support public service and engagement, providing students, faculty members, and staff with various ways to explore service opportunities, learn new skills, and link their academic endeavors to making a difference in communities across North Carolina and throughout the world. Through a variety of programs, including Buckley Public Service Scholars (BPSS), APPLES Service-Learning, and Thorp Faculty Engaged Scholars, the Carolina Center for Public Service uses scholarship and service to connect Carolina and communities. All undergraduates who have at least four semesters remaining (three for transfer students) are eligible to enroll in BPSS. To successfully complete the program, participants must complete 300 service hours, a service-learning class, four skills training sessions, reflective exercises, and have a minimum cumulative GPA of 3.0 to receive official University recognition on their transcripts. Since the program's launch in 2003, more than 9,678 students have participated in BPSS, contributing 1.8 million hours of service. Other opportunities available through BPSS include the Arts in Public Service Fellows, First-Year Service Corps, Community Service scholarships, Outward Bound scholarships, and courses such as Philanthropy as a Tool for Social Change and SMART Mentoring. The APPLES Service-Learning program provides opportunities for undergraduate students to serve with community-based organizations through service-learning courses and internships, alternative breaks, fellowships, and the Service-Learning Initiative. Close to 2,000 students participate in APPLES programs each year, providing nearly 80,000 service hours to local, regional, national, and global communities. The center also offers funding and public service awards that provide opportunities for undergraduate and graduate students to further their involvement and community engagement through innovative service projects.

# **POLICIES AND PROCEDURES**

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The University provides a list of campuswide official policies (<http://policies.unc.edu>). The policies and procedures in this section of the catalog include information about course credit; registration and enrollment; attendance, grading, and examination; academic standing, transcripts; and other important information.

## **Regulations and Requirements for Undergraduate Students**

Students are responsible for observing the procedures, regulations, and requirements of the University as they are set forth here and in other official University publications. This section describes many of the requirements and regulations that apply to undergraduates, but it is not a complete list of all such regulations and requirements. Unless otherwise stated, the regulations described in this section will govern the academic progress of students from their first year in the General College through their final semester in the College of Arts and Sciences or one of the undergraduate professional schools. The staff of the University will gladly provide students with detailed information concerning their academic program or academic problems, but this does not relieve any student of individual responsibility for meeting the University's requirements and observing University regulations.

## **Regulations and Requirements for Graduate Students**

The *Graduate School Handbook* contains most of the policies and procedures of The Graduate School at the University of North Carolina at Chapel Hill. Students should become familiar with the material pertaining to their degree programs, and, together with their faculty advisors, make certain that the chosen program of study complies with all policies.

# CREDIT AND EVALUATION

## Calculation of Transferred Semesters Based on the Number of Transferred Credit Hours

Several academic procedures, including the determination of academic eligibility, depend on the tally of semesters that students have completed. When credit hours are transferred, a calculation must be made as to the number of semesters the student is regarded as having used up. This calculation is based on the number of credit hours accepted by UNC–Chapel Hill for transfer, not on the number of semesters in which the student was enrolled at other colleges. Excluded from this calculation are transfer hours awarded for courses taken concurrent with high school.

Students are regarded as having used up one semester for every full multiple of 15.0 semester credit hours accepted for transfer. When credits are transferred from a college that operates on the quarter-term system, one quarter-term credit hour equals two-thirds of a semester credit hour.

See “Transfer Candidates” in the “Undergraduate Admissions (p. 17)” section of the *Catalog* for additional information.

The same formula is applied to credit hours that a student earns while enrolled in a part-time program of study at UNC–Chapel Hill, with 90 hours regarded as six semesters and 105 hours regarded as seven semesters. *Note: Hours earned in any UNC–Chapel Hill summer term are not included in this formula.*

The formula also applies to transfer credit hours awarded for any courses taken at other institutions during a fall or spring semester (but not during summer terms) after a student matriculates at UNC–Chapel Hill.

## Credit by College Board Advanced Placement, International Baccalaureate, or SAT Subject Examinations

Students who meet UNC–Chapel Hill standards on certain approved College Board Advanced Placement examinations, examinations of the International Baccalaureate Program, or certain SAT Subject Tests (e.g., foreign language) may receive academic credit for comparable University coursework. Each year the Office of Undergraduate Admissions publishes the minimum scores necessary for the awarding of course credit; however, final authority for awarding this placement credit lies with the chair of the department or curriculum in which credit is to be received. Minimum scores for placement may change from year to year. Regulations for credit in the year in which the student began study at UNC–Chapel Hill as a full-time student determine the standards that apply, not the year in which the student took the examination. Such credit will not be contingent upon the completion of further work in the subject unless specified by an academic department.

By-Examination (BE) credit awarded based on a student’s scores on the Advanced Placement, International Baccalaureate, SAT Subject Tests, or departmental examinations may be used to fulfill General Education requirements. For students admitted as new first-year or transfer students beginning in fall 2009 or later, the following limitations apply to the use of By-Examination (BE) credit in a major or minor:

- No more than two courses (six to eight credit hours) of BE credit may be used as part of the major core.
- No more than one BE credit course (three to four credit hours) may be used as part of a minor.
- Grades of BE from an Advanced Placement, International Baccalaureate, or SAT II Subject Test may not count toward the requirement that students earn at least 18 hours of C or better grades in the major core, or toward the minimum hours of C required in the minor.

Students who wish to enroll in a course for which they have By-Examination credit should discuss their decision with an academic advisor. In the event that a student takes a course for which Advanced Placement, International Baccalaureate, or SAT Subject Test credit is awarded, the By-Examination credit will be forfeited when the course is completed, as well as any higher-level BE credit in that sequence. For example, a student whose test scores would award BE credit for MATH 231 and MATH 232 and who chooses to take MATH 231 at UNC–Chapel Hill will forfeit BE credit for both MATH 231 and MATH 232.

## Credit by Departmental Examination

Enrolled students who, through individual study or experience, have gained knowledge of the content of undergraduate courses offered by the University may, with the approval of the relevant department and school or college, receive credit (without grade) for such courses by special examination. The student must receive the approval of the department and college/school at least 30 days before the examination is taken, and the examination must be taken before the beginning of the last semester or full summer session before the student’s graduation.

## Policy on Credit for Internships—The College of Arts and Sciences

No internship automatically earns academic credit. Students who want academic credit for an internship should contact the director of undergraduate studies in a relevant academic department or curriculum before beginning the internship and must complete an internship course in that academic unit. Not all departments and curricula offer internship courses.

Internships may not be used to meet the experiential education (EE) requirement unless the student earns academic credit for the internship through a department or curriculum. A student must enroll in a course that has been approved as meeting the EE requirement in order for an internship to fulfill that requirement.

Students who must earn academic credit as a condition of doing the internship—and who cannot get credit through an academic department or curriculum—should contact a counselor at University Career Services for possible credit in SPCL 493 before beginning the internship. The student must write a statement describing his or her learning objectives and a paper reflecting on the experience. SPCL 493 is a one-credit, Pass/Fail course that does not count toward any graduation requirements.

## Distance-Learning Courses

The policy governing the use of distance-learning courses applies to all new and continuing full-time and part-time degree-seeking students, and they refer to Carolina Courses Online (CCO), Summer School, and other for-credit UNC–Chapel Hill courses offered completely via similar

modalities. The regulations do not apply to coursework taken prior to matriculation as degree-seeking students.

The following policies apply to distance-learning courses:

1. The maximum number of credit hours, all of which must be designated UNC–Chapel Hill, that can be counted toward an undergraduate degree in the College of Arts and Sciences is 24. There can be no exceptions to this upper limit.
2. First-semester, first-year students may not enroll in for-credit online courses unless unusual circumstances prevail, nor may first-year students take an online course in the summer prior to matriculation.
3. Full-time undergraduate students may enroll in a maximum of one for-credit online course per regular semester (after the first semester, if they are a first-year student) and a maximum of two for-credit online courses per summer session (courses offered over the full summer would count in both Summer Session I and Summer Session II).
4. Degree-seeking students who are not enrolled may take a maximum of two for-credit online courses in a regular semester or summer.
5. No more than two for-credit online courses may count toward a major (core requirement) or minor in the College of Arts and Sciences.
6. Self-Paced courses cannot count toward a degree in the College of Arts and Sciences.
7. It is the responsibility of the Senior Associate Dean for Undergraduate Education, in consultation with the Associate Dean and Director of the Academic Advising Program, to determine whether students in unusual circumstances warrant an exception to these policies.

Distance-learning courses offered at UNC–Chapel Hill are identified with the following section numbers in Connect Carolina:

- 956 – 974 (Departmental Distance Learning)
- 975 – 989 (Friday Center Distance Learning)
- 990 – 994 (Friday Center Distance Learning Carolina Courses Online)
- 01W – 09W (On-Campus Web Delivery Courses)

*This policy is maintained by the College of Arts and Sciences. Last revised September 20, 2016.*

## Carolina Courses Online

Carolina Courses Online is a distance-education program that offers courses over the Internet. Class attendance is not required, but courses follow the semester schedule. The courses are administered through the Friday Center for Continuing Education. To enroll, contact the Friday Center at (919) 962-1134 or visit its Web page (<http://fridaycenter.unc.edu>). Certain restrictions may apply. Students should consult the dean's office of their school for details.

## Foreign Language Placement Credit

### Experiential Speakers of a Foreign Language

Enrolled students who have learned a language currently offered at UNC–Chapel Hill by experience (i.e., having grown up speaking another language in the home or having lived several years in another country) and who are conversant and literate in that language and in English, may take a placement test in that language for placement (PL) only and not for credit hours. If the student places beyond level 3, the student can use that language to fulfill the General Education foreign language requirement, but again, no credit hours will be awarded. The placement

test must be taken before the beginning of the last semester or full summer session before graduation.

## Native Speakers of a Foreign Language

For academic purposes, a native speaker is a student raised in a country outside the United States and formally educated through all or most of high school in a language other than English. Native speakers cannot use By-Examination (BE) credit in their native language to reduce the requirements for a major in that language and will not receive credit for levels 1 through 4 of their native language(s). However, upon recommendation of the appropriate language department, they may receive credit for courses taken at UNC–Chapel Hill beyond level 4 if those courses are heavily based on literature, film, culture, or other content. Native speakers of languages other than English may use ENGL 105, or its transfer equivalent, to satisfy their General Education foreign language requirement. Native speakers who wish to pursue placement (PL) in their language should complete the online form (<http://advising.unc.edu/for-students/advice-by-student-year/newly-admitted-students/newly-admitted-first-years/native-or-experiential-speakers-of-a-foreign-language>).

## Hours of Credit

Work is valued and credited toward degrees by semester hours, one such hour usually being awarded for one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week. One hour of credit is usually awarded for each three hours of laboratory or field work or work in studio art.

For more information on the University's course numbering system, see UPM #4 (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-4-standard-course-numbering-system>).

For the definition of a credit hour, see UPM #29 (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-29-definition-of-a-credit-hour>).

## Independent Studies for Credit

The University offers independent study experiences for undergraduate students. Such courses, including directed readings, internships/practica, mentored undergraduate research, and senior honors thesis courses for an individual student, are offered for academic credit through departments and curricula. Twelve hours of graded independent study credit may be counted toward graduation (excluding six hours of senior honors thesis credit). No more than six hours may be taken in any one semester, with the exception of students completing a full-time teaching internship program in the School of Education and other approved practicum/internship programs in the professional schools. Students may participate in formalized programs, or they may make individual learning contracts for work under the supervision of a member of the permanent faculty at the department/curriculum level. For information about independent study courses in their majors, students should consult the director of undergraduate studies or independent study coordinator in their major department or curriculum. Students, in consultation with the faculty member, must complete a learning contract and have it approved by the director of undergraduate studies (or designee). Registration for an independent study course must be completed after the learning contract has been approved and no later than the last day of "late registration" (*the end of the second week of classes in fall or spring semester or the equivalent date in each summer session*). A template (<http://registrar.unc.edu/files/2014/02/Template-Adapted-for-Use-in-the-College-of-Arts-and->



Sciences.pdf) for such a learning contract is available online. Students are strongly encouraged to begin this process early, well before the beginning of the semester.

For more information, see UPM #30 (<https://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/independent-study-policy>).

## **Semester Schedule**

The work of the University is arranged and offered on the semester system, the regular session being divided into two approximately equal parts called the fall and spring semesters. Summer School offers two sessions of five weeks each, a three-week Maymester, and other short courses with various beginning and ending dates.

# REGISTRATION, ENROLLMENT, AND WITHDRAWAL

## Registration

### General Policies

UNC–Chapel Hill students use the ConnectCarolina Student Center to register for courses. Students should refer to the Registration Guide (<http://registrar.unc.edu/guide>) on the Office of the University Registrar's Web site for instructions regarding registration.

Students who register during the billing period must pay tuition and fees, or give notice of anticipated aid, to the Office of Student Accounts and University Receivables by the published tuition and fees due date or their schedule will be cancelled and all their classes dropped before the beginning of classes. Students who register after the billing period must pay estimated tuition and fees or give notice of anticipated aid before they can register for that semester. Students who register after the date designated for official registration must pay an additional fee of \$20.00 for late registration. If the delay results from circumstances clearly beyond the student's control, an appeal may be made in writing to the registrar. The appeal must show sufficient justification for the delay and has to be approved by the dean of the school in which the student is enrolled.

North Carolina law requires that no person shall attend a college or university in North Carolina without presenting a certificate of immunization to the college or university on or before the first day of matriculation. This certificate indicates that the student has received immunizations required by law. New students at UNC–Chapel Hill must provide the director of Campus Health Services with an immunization record certified by a physician. Students who fail to present the required certificate of immunization within 30 days of enrollment will be withdrawn from the University. Their enrollment will not be reinstated until they have provided a certificate of immunization to Campus Health Services.

Registration for credit for any course at the start of the semester is limited to the first five days of classes unless a late registration is approved by the course instructor and the student's dean or academic advisor. Any student who has not registered for courses after the primary billing date will be restricted from accessing the registration system for that term and will be required to submit a prepayment. For more information, please see "Course Schedule Changes" below.

### Registration Advising for First-Year Students and Sophomores

All first-year students and sophomores are assigned a primary academic advisor in the Academic Advising Program (Steele Building and Hardin Hall) in the College of Arts and Sciences but may see any advisor as appropriate. Advisors' names and office locations (<http://advising.unc.edu/see-an-advisor>) are posted on the Web. First-year students must meet with an advisor for registration advising at least once during their first year before registering for their third semester on campus; an online module to assist students with registration, policies, and procedures is also available. All students are strongly encouraged to

review their Tar Heel Tracker each semester and regularly meet with an advisor to ensure that they remain on track to graduate.

Advisors will answer students' questions and review their tentative course selections to help students achieve appropriate academic progress. In subsequent semesters, students are encouraged to discuss academic progress with their academic advisor. Students should follow instructions received from the Office of the University Registrar, which may be accessed by logging on to ConnectCarolina.

### Registration Advising for Juniors and Seniors

Juniors and seniors receive academic advising during registration periods according to the directives set out by their college/professional school and major. Juniors who have not yet declared a major must meet with an advisor in the Academic Advising Program before registration.

The department or curriculum in which the student's primary major is housed determines the procedures juniors and seniors must follow for registration. In some cases, the student must meet with a faculty advisor in the department or curriculum of the primary major before being able to register each semester. These advisors answer questions specific to the major and about graduate and career opportunities in the field.

Students admitted to a professional school will receive advising and assistance on all academic matters from an advisor in their school.

### Academic Level (Class Standing)

All students who begin their undergraduate careers at UNC–Chapel Hill are considered first-year students for the first and second semesters. In their third semester and thereafter, a student's classification (sophomore, junior, senior) is determined by the cumulative number of credit hours earned:

- 1–29 credit hours earned: first-year student
- 30–59 credit hours earned: sophomore
- 60–89 credit hours earned: junior
- 90 + credit hours earned: senior

### Registration Priority

A student's first available date for registration (registration priority) is based on the number of semesters completed.

By policy of the Faculty Council (Resolution 2007–3), the University limits students to eight semesters of full-time study. Transfer students who transfer in the UNC–Chapel Hill equivalent of two or more semesters (see "Calculation of Transferred Semesters Based on the Number of Transfer Hours") may enroll in up to 10 total semesters (Resolution 2017-1 (<https://facultygov.unc.edu/files/2017/01/Res201701OnMultipleAreasofStudy.pdf>)). To help ensure graduation within the eight-semester limit, students' registration priority will be based on the number of semesters completed; the more semesters students have completed, the higher their registration priority.

Terms in residence are tallied in three ways:

1. UNC–Chapel Hill full-time enrollment  
Regardless of the number of credit hours, any fall or spring semester of enrollment in UNC–Chapel Hill courses (including UNC–Chapel Hill study abroad courses, but excluding Carolina Courses Online) counts as one semester of full-time study, unless the student is enrolled as a part-time student through Part-Time Classroom Studies. (Summer sessions at UNC–Chapel Hill do not count as semesters.)
2. UNC–Chapel Hill part-time enrollment

Each full multiple of 15 cumulative credit hours earned at UNC–Chapel Hill in fall or spring terms (not summer terms) counts as one semester of full-time study for any student enrolled as a part-time student through Part-Time Classroom Studies.

3. Transfer credits awarded for courses taken at other colleges  
Each full multiple of 15 cumulative transfer-credit hours counts as one semester of full-time study. Excluded from this calculation are transfer hours awarded for courses taken either concurrent with high school or during any summer term after the student has matriculated at UNC–Chapel Hill.

Any term in which a student is enrolled exclusively in online courses does not count as a semester of full-time study. Students may refer further questions to the Academic Advising Program (if the student is in the College of Arts and Sciences) or to their respective dean's office.

## Repeating Course Enrollments

A student who proceeds with enrollment in a course not designated as repeatable can only earn credit once toward the fulfillment of the University's minimum undergraduate degree requirement. The credit is earned from the course with the highest passing grade or, if grades are the same, the latter attempt. The grades of all attempts of the course, however, are computed in the student's cumulative grade point average.

Certain University courses (e.g., applied music, special studies, undergraduate research, etc.) may be taken more than once for credit and are so designated in the course catalog as repeatable. A particular physical education activity (PHYA) course may be taken more than once, so long as a different level of the same course (beginning, intermediate, and advanced) is taken during each separate enrollment. PHYA courses do not award academic credit hours toward an undergraduate degree, but the grade is factored into the cumulative grade point average. Students may enroll in no more than one lifetime fitness (LFIT) course, and only one LFIT course will count toward academic credit hours for an undergraduate degree.

For the purposes of receiving financial aid, hours for repeated courses will only be considered a part of the total upon which awards are based if:

1. the student is repeating a course previously failed, or
2. the course is the **first** repeat of a prior course in which a passing grade (D or higher) was received.

*Maintained by the Educational Policy Committee. Last approved on April 21, 2017, see Resolution 2017-6 (<https://facultygov.unc.edu/files/2017/04/Res2017-6RepeatingCourseEnroll.pdf>).*

## Cancellation of Enrollment

A cancellation is, in effect, the same as not having a registration at all. No entry is made on the student's permanent record, and no tuition and fees are charged. A registration cancellation will be processed for any student who has a "hold" on the tuition and fees due date for each term, and students will be notified. A cancellation will be processed if a student is not cleared financially; is not academically eligible to continue in school; or shows a cashier's hold, Office of Undergraduate Admissions hold, dean's office hold, or Campus Health Services cancellation hold. In some cases, a student may need to cancel his or her registration for personal reasons and may do so by following instructions (<http://registrar.unc.edu/academic-services/withdrawals-cancellations>) listed on the Office of the University Registrar's Web site. For a cancellation after classes begin, however, students must process the cancellation through their dean's office.

## Administrative Changes to Course Registration

Students have the responsibility to maintain the accuracy of their course schedule. A department or curriculum in the College of Arts and Sciences has the option to drop a course from a student's registration if the student fails to attend both of the first two class meetings (or the first class meeting if the course meets only once each week). The appropriate dean's office will be responsible for informing departments of students who cannot attend the first two class meetings because of illness or other reasons approved by a dean. Students should never presume that an instructor or department/curriculum will systematically drop classes from the student's schedule. However, if such an action is taken by a department/curriculum, the registration openings resulting from these drops will be offered to other students seeking enrollment in the courses during the official add period (first five days of classes) or thereafter, as determined by the instructor of the class or by the department, curriculum, or school.

Departments/curricula can drop students' courses using the computerized registration system prior to the last day to reduce a course load for financial credit. To effect such a drop after that date but before the end of the eighth week, a student can drop the course through ConnectCarolina. (See "Course Schedule Changes" below.) Students who have applied for graduation and who have requested an academic underload must have that request approved to receive financial credit for reducing their course load.

## Auditing Courses

To audit a class, registered students and persons not registered must obtain a registration/drop/add form from the teaching department offering the class. Permission from the class instructor and the department chair is required and should be indicated on the form with a written signature. This procedure applies to fall, spring, and both summer terms.

Requests to audit a class may be submitted only after the end of the official registration period (last day for students to add a class or late register) when it has been determined that there is still space available in the class. This date can be found on the University Registrar's Calendar (<http://registrar.unc.edu/academic-calendar>) for the specific term.

Auditing classes is permitted only in lecture-based courses and never in courses that include laboratories or performances. Auditing is not permitted in courses that focus on the development of written or oral communication skills or that rely heavily on class participation. Auditing is not permitted in independent studies courses, internships, special topics, directed readings, or similar courses. Auditing is also not permitted in classes that are offered primarily online. Students may not audit courses offered through the Friday Center for Continuing Education (Part-Time Classroom Studies, Carolina Courses Online, Self-Paced Courses, or tutorial programs) or courses preparing students for credit by examination.

Students auditing a course do not write papers, take quizzes or examinations, or request review of their work, and do not participate in class discussions unless otherwise directed by the course instructor. Students who audit a course may not subsequently receive course credit for that course. Additional information on the University's policy on auditing (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-9-auditing-courses>) is available online.

Students officially registered for other classes in the same term may audit a class without paying a fee. Persons not registered for classes must pay a \$20.00 fee per class to the Office of Student Accounts and University Receivables, then bring the permission and receipt to the Office of the University Registrar to complete the process. Payments will only be accepted after the end of the official registration period. Effective fall 2017, individuals of age 65 or older may audit a class without paying a fee.

If requested, a copy of the registration transaction will be given to the student to provide to the class instructor at the beginning of the term.

## Changes in Fall and Spring Semester Schedules

### Continuous Course Enrollment: Foundations English Composition and Foreign Language Requirements

Effective in fall 2012, students admitted as first-year or as transfer students are required to complete ENGL 105/ENGL 105I (ENGL 100 and ENGL 105/ENGL 105I, if applicable) during their first year, and they must maintain continuous enrollment in Foundations foreign language courses until they have completed this requirement. Students are not permitted to drop ENGL 100, ENGL 105/ENGL 105I, or foreign language levels 1 through 3 being used to fulfill the Foundations requirement after the second week of the semester, unless approved by a dean in the Academic Advising Program. Such approval will be for exceptional circumstances only. Students should not stop attending English composition and rhetoric and Foundation foreign language classes without speaking with a dean in the Academic Advising Program.

### Course Schedule Changes

Insofar as possible, changes in course registration schedules should be made during the first five days of classes. During this time, students may add courses using the online registration system. During days six through ten of classes, students must obtain permission to register or make additions to their schedule from the course instructor; if approved, the academic department, curriculum, or school will add the student through the computerized registration system. After the tenth day of classes, if students wish to register or make additions to their schedule, they must obtain a registration/drop/add form from their academic advisor, the concerned department, or their professional school and must obtain the signatures of both their instructor and their school dean (or dean's designee). For students in the General College and the College of Arts and Sciences, only the associate dean for advising (or dean's designee) has this authority. After the tenth day of classes, deans (or deans' designees) will approve only those registrations or course additions that have first been approved by the instructor. Approval of additions to a student's schedule during this period is at the deans' (or the deans' designees') discretion.

### Course Schedule Changes during Weeks One and Two

During the first two weeks of classes, students may drop a course using the online registration system, but they are responsible for ensuring that their schedules do not fall below the minimum 12 academic hours required for full-time registration.

### Course Schedule Changes during Weeks Three through Eight

When a course is dropped between the second and eighth week of classes, a notation of WC (withdrawal by choice) shall be recorded and used internally for tracking and reporting purposes. For external purposes, the WC notation is equivalent to the W grade. Once declared, a WC notation cannot be rescinded except when a student withdraws

from an entire semester due to extenuating circumstances. All first-year, first-time students entering the University in fall 2014 or thereafter are allowed to accumulate no more than 16 hours of WC notations during their undergraduate career.

Different drop-add procedures apply to first-year students who entered the University as degree-seeking students prior to fall 2014, along with sophomore and junior transfer students who entered in fall 2014, and junior transfer students who enter in fall 2015. Details on the previous policy (<http://registrar.unc.edu/guide/registration-policies/drop-add-procedures/rules-course-drops>) can be found on the University Registrar's Web site.

### Course Schedule Changes after the Eighth Week of Classes: The Appeal Process

After the eighth week of classes, students must petition to drop courses through the dean's office of the school in which they are enrolled. For students in the General College and the College of Arts and Sciences, the associate dean for advising (or designee) has this authority.

To drop a course after the eighth week of classes, students must complete and submit an appeal to the appeals committee of their college or school. In the General College and the College of Arts and Sciences, an appeals committee meets weekly (except the week of July 4 and Christmas). Possible legitimate reasons for requesting a course drop after the eighth week of classes include serious illness, personal or family problems, financial problems requiring employment after the start of the semester, or other compelling and extenuating circumstances that prevent students from meeting their academic responsibilities.

Students must first discuss their reasons for requesting a late course drop with an academic advisor or their academic dean. The advisor or dean will explain the process for an appeal and refer the student to the online information and link to the online appeal form. The appeal must include a statement from the student and pertinent documentation that provides compelling support for the appeal. The student must submit all documents online to the office of the associate dean for advising in the Academic Advising Program of the College of Arts and Sciences and General College. *Submission of an appeal does not ensure that the request will be granted, and students must continue to attend classes and complete all assignments until informed of the committee's decision.* If a course drop is approved, the registration/drop/add form is processed through the Office of the University Registrar.

Students enrolled in professional schools should acquaint themselves with the appropriate appeals procedures in their schools.

The notation of W (withdrawn) is entered in the grade column of academic transcripts if students are permitted by their school to drop a course after the eighth week of classes or proportional equivalent for summer terms and other nonstandard enrollment periods. This notation is automatically entered unless the student's academic dean specifies otherwise.

## Interinstitutional Registration

A student regularly enrolled in a degree program at the University may enroll by interinstitutional registration for a course at Duke University, North Carolina Central University, North Carolina State University, the University of North Carolina at Charlotte, or the University of North Carolina at Greensboro under the following conditions:

- Space must be available in the course.
- The student's academic dean must certify

- a. that the course is appropriate for the student's degree program, and
  - b. that an equivalent course is not available at this university during the same term.
- Enrollment in interinstitutional registration is limited to one interinstitutional course per regular term, provided that the student is registered for the balance of her or his full-time load at UNC–Chapel Hill. All enrollment transactions must be processed by the Office of the University Registrar.
  - A student will be billed by his or her home institution for all the courses taken (including interinstitutional courses) at the prevailing tuition rate. The University of North Carolina at Chapel Hill will receive no fees from an interinstitutional student taking courses at this campus unless there is a special fee associated with a particular course. In such a case, the student must pay the fee.
  - The last day for a student to submit an interinstitutional request to the Office of the University Registrar will be the last day to add a course without departmental approval, according to the registrar's calendar. If a student is interested in a course that begins after this deadline, due to differing university schedules, or separate modules that the course is being offered in, the deadline will be the fifth day after the start of that class. Start dates will be verified with the school offering the course.
  - Students must comply with the academic calendar of their home institution for all dates, such as deadlines for adding and dropping courses.
  - A student taking a course by interinstitutional registration will be graded in the course in accordance with the grading system of the institution where the course is taken, and grades will be converted in accordance with the grading system of the home institution. The transcript will identify the institution where the course was taken in the space where the descriptive course title is normally shown.

Additional information (<http://registrar.unc.edu/guide/special-enrollments/inter-institutional-programs>), procedural instructions, and forms are available at the Office of the University Registrar's Web site.

## Academic Course Load

### Fall and Spring Semesters

To meet the minimum graduation requirement of 120 academic hours within the eight-semester limit, students should average 15 hours each semester. However, four-hour foreign language courses and four-hour laboratory science courses often account for course loads of 16 to 18 hours. Students may not enroll in more than 18 academic hours unless they have earned a 3.000 grade point average in the preceding regular semester and have a cumulative 2.500 grade point average. Exceptions require the approval of the student's dean. With approval of their dean, seniors meeting graduation requirements during their final semester in residence may enroll in up to 21 academic hours if they have a cumulative and preceding semester grade point average of 2.000.

The minimum course load for a single semester is 12 academic hours. Students may not go below the 12-academic-hour minimum without permission of their dean. All students should discuss semester enrollment of fewer than 15 academic hours with their advisor because such enrollments may affect academic eligibility and the ability to complete all degree requirements in the required eight semesters. PHYA courses are not considered academic hours and will not count toward the 12-hour minimum enrollment.

The approved maximum course load for students in a part-time program is eight credit hours in a fall, spring, or summer term.

### Summer School

The summer term begins with the first day of Maymester and continues through the last day of the Summer Session II. Administered by Summer School, summer courses are offered in two sessions (Summer Session I and Summer Session II), with a Maymester period overlapping the first three weeks of Summer Session I. For UNC–Chapel Hill students, credit hours and grades count the same as in fall or spring terms. For visiting students, transfer of grades or credit is determined by their home institution.

The typical full course load is two courses, usually six credit hours. However, students may enroll in up to eight credit hours each in Summer Session I and in Summer Session II to allow for a four-credit course or an extra one-credit laboratory or physical activity course. Students with a 2.000 cumulative grade point average may enroll in a maximum of nine hours during a summer session with the approval of their dean. It is recommended that, if students enroll in a Maymester course, they not enroll in a second Maymester or Summer Session I class.

### Carolina Courses Online

There are limits on the number of online courses that may be taken in a term and how they may apply to degree requirements. For full details, see "Distance-Learning Courses" (p. ) in this catalog.

### Pass/Fail Option

The Pass/Fail option provides students an opportunity to enroll in an additional course (beyond the usual load of five academic courses) or to reduce their concerns about competing with prospective majors in a course in which they have considerable interest. Students who declare a course on the Pass/Fail option will receive the grade of PS (pass) when a letter grade of A through D is recorded on the official grade roster and F when the course is failed. For the purpose of computing a grade point average, a PS grade does not count as hours attempted; therefore, a PS grade does not affect a student's grade point average. However, an F under the Pass/Fail option counts as hours attempted and is treated in the same manner as F grades earned in any other course.

Course content and requirements are the same for Pass/Fail registrants as for regular registrants. The minimum performance for a PS grade is equivalent to the minimum performance for the letter grade of D.

### Regulations Governing the Pass/Fail Option

The following regulations govern the use of the Pass/Fail option:

1. Students may only take one student-elected Pass/Fail course each semester.
2. No more than 23 total credit hours of Pass/Fail credit hours will be allowed in a student's undergraduate career, with no more than 16 hours (of the 23) from student-elected Pass/Fail classes and no more than 13 hours (of the 23) from established Pass/Fail courses.
3. The following courses may not be declared Pass/Fail:
  - Courses used to satisfy General Education requirements (with the exception of lifetime fitness courses and some experiential education courses that are only offered as Pass/Fail courses).
  - Courses a student has taken previously for a letter grade.
  - Courses in a student's major or minor department or curriculum (or cross-listed with those departments or curricula), even if



used as an elective. However, students who change their major (or minor) may count in the new major (or minor) one course previously completed with the grade PS.

- Courses specifically required by the major or minor, including foreign language courses and any additional required courses (but see the note below)
- Summer School courses
- Carolina Courses Online
- An honors seminar or honors course
- Courses taken via interinstitutional enrollment
- First-year seminars

*Note: Prerequisites to courses specifically required for the major or minor may be taken Pass/Fail unless a specific grade is required in the prerequisite course.*

*Maintained by the Educational Policy Committee. Last approved on October 30, 2015, see Resolution 2015-12 ([http://faccoun.unc.edu/files/2011/03/Res2015-12Pass-Fail\\_Final.pdf](http://faccoun.unc.edu/files/2011/03/Res2015-12Pass-Fail_Final.pdf)).*

## Pass/Fail Declaration Procedure

To declare a course on the Pass/Fail grading system, a student must complete the Pass/Fail course declaration form. It is obtained from the academic advisor or dean's office. Students should discuss the advisability of taking a course on the Pass/Fail grading system with their advisor before committing themselves to a formal declaration.

The period for making Pass/Fail declarations begins on the fifth day of classes of each semester and concludes at the end of the eighth week of classes. Pass/Fail declaration forms may not be submitted after the eighth week of classes.

## Fifty Percent Tuition Surcharge

Undergraduate students seeking a baccalaureate degree at UNC–Chapel Hill are subject to a 50 percent tuition surcharge in some circumstances, as required by Section 9.10 (b), G.S. 116–143.7 (a). No surcharge will be imposed on any student who exceeds the degree credit hour limits within the equivalent of four academic years of regular term enrollment, or within five years of regular term enrollment in a degree program officially designated by the Board of Governors as a five-year program. For detailed information, please see the Office of the University Registrar's Web site (<http://registrar.unc.edu/reg-guide/fifty-percent-tuition-surcharge>).

## Students Subject to the Surcharge

The surcharge should be imposed for students who exceed eight or more terms in residence on all counted credit hours in excess of the threshold defined below for each of the following three categories of undergraduates:

1. For students earning a first baccalaureate degree in a program that requires no more than 128 credit hours, the surcharge shall be applied to all counted credit hours in excess of 140.
2. For students earning a first baccalaureate degree in a Board-approved program that requires more than 128 counted credit hours, the surcharge shall be applied to all credit hours that exceed 110 percent of the credit hours required for the degree. Such programs include those that have been officially designated by the Board of Governors as five-year programs, as well as those involving double majors or dual bachelor's/master's degrees.
3. For students earning a baccalaureate degree other than their first, the surcharge shall be applied to all counted credit hours that exceed 110

percent of the minimum additional credit hours needed to earn the additional baccalaureate degree.

## Tuition Guarantee Program

Effective fall 2016, undergraduate students seeking a baccalaureate degree at UNC–Chapel Hill are eligible for fixed tuition as required by the North Carolina General Statute §116-143.9 and UNC Policy 1000.17, Policy for the Tuition Guarantee Program. Further information about the Tuition Guarantee Program can be found on the Web site for the Office of the University Registrar.

## Withdrawal

Students withdrawing from the University should submit an official withdrawal request through their ConnectCarolina Student Center to start the process (see sections on medical and academic withdrawal below) before the end of classes during a semester or summer session. Students considering withdrawal should contact their dean's office, Campus Health Services, or Counseling and Psychological Services for additional information. Official withdrawal from the University is required if a student wishes to drop all classes after a semester begins. An official withdrawal may facilitate readmission in a future term. Leaving the University without completing the official withdrawal process results in the assignment of an IN or AB course grade that are computed as an F grade in establishing grade point averages and academic eligibility. Students who do not withdraw officially will be responsible for the tuition and fee payments associated with the course(s) in which they are enrolled.

## Medical Withdrawal

If a student decides to withdraw for reasons of illness, either physical or psychological, the student should contact Campus Health Services or Counseling and Psychological Services, whether the treatment was received there or elsewhere. If a medical withdrawal is authorized, the official withdrawal will be handled through the Office of the Director of Campus Health Services or Counseling and Psychological Services. A medical withdrawal is effected without grades and without a semester in residence.

## Administrative Withdrawal

A student who is withdrawn for disciplinary purposes must comply with the specific requirements or conditions outlined by the adjudicating body (e.g., Honor Court, Emergency Evaluation and Action Committee, etc.) prior to readmission. Unless specified by the adjudicating body, the term(s) in which disciplinary suspension is active shall not be calculated in the four academic year degree credit hour equivalency. Preclearance from the adjudicating body may be required in certain cases.

## Academic Withdrawal from All Courses

If a student decides to withdraw for reasons other than health related, or if a withdrawal cannot be authorized through Campus Health Services or Counseling and Psychological Services, the student should submit an official withdrawal request through the ConnectCarolina Student Center. Grades are required from instructors once the drop deadline has passed. In determining an undergraduate student's eligibility for readmission the following conditions apply:

- For students who officially withdraw from the University after the second week of a fall or spring semester, a grade of W is assigned to each course the students were enrolled in at the time of withdrawal.
- Students who officially withdraw from the University are assigned a semester in residence if their withdrawal is initiated before the end

of classes during a fall or spring semester and if it is accompanied by the recording of six or more academic hours of F grades for that semester's work (grades recorded after the drop deadline). This means that the F grades and no others will be computed in the semester and cumulative grade point average.

- Withdrawal from a summer session is not counted as a semester in residence. If the withdrawal is initiated after the drop deadline during a summer session, a grade of W is assigned to each course that the student is enrolled in at the time of withdrawal. The credit hours associated with the withdrawal will count as attempted but not passed hours in the determination of the student's academic eligibility. If the student is enrolled in five or more academic hours, the student must obtain grades from their instructors before the withdrawal can be processed; if the withdrawal is accompanied by the recording of five or more academic hours of F grades for that semester's work the F grades will be recorded and computed in the semester and cumulative grade point average.
- Students enrolled as summer session visitors from schools outside UNC–Chapel Hill must withdraw through the Office of the Dean of Summer School.
- If a student completes an official withdrawal or is withdrawn administratively for any reason from a fall or spring semester, tuition and fees will be prorated over a period of nine weeks at a rate of one-tenth of the semester's bill, after deducting an administrative charge. The last date for credit on a student's financial account for withdrawal is nine weeks after registration. If a student completes an official drop from a summer class within the first three days of classes for the session, tuition and fees will be prorated.
- If a student withdraws from the University during a semester and receives financial aid funds prior to the date of withdrawal, a portion of that money will be returned to the aid program(s). The repayment will be calculated by the Office of Scholarships and Student Aid when the official withdrawal is noted within the ConnectCarolina system.

### **Retroactive Withdrawal**

- Students may request a retroactive withdrawal from a semester or summer session under extraordinary circumstances. Such requests must be made in writing to the appeals committee of the college or school in which the student is currently enrolled. The decision of that appeals committee is final. If the retroactive withdrawal is approved, the effective date of this action is always the last day of classes in the term or session. No refunds are ever provided when a retroactive withdrawal from a semester or summer session is approved.

# ATTENDANCE, GRADING, AND EXAMINATION

## Class Attendance Policy

*(Maintained by the Education Policy Committee. Resolution 2018-1, passed on February 9, 2018)*

This policy applies to University approved class absences (listed below). For final examination absences see the Policy on Final Examinations (p.      ).

Regular class attendance is a student obligation. Students are responsible for all of their work, including assessments, tests, and written work, and for all class meetings. If a course instructor chooses to take attendance and sees that a student misses three or more consecutive class meetings or misses more classes than the course instructor thinks advisable, the instructor may report the facts to the student's advisor and/or academic dean.

No right or privilege exists that permits a student to be absent from any class meetings, except for these University Approved Absences:

1. Authorized University activities
2. Disability/religious observance/pregnancy, as required by law and approved by Accessibility Resources and Service (<https://ars.unc.edu>) and/or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations>) (EOC)
3. Significant health condition and/or personal/family emergency as approved by the Office of the Dean of Students (<https://odos.unc.edu>), Gender Violence Service Coordinators, (<https://womenscenter.unc.edu/resources/gender-violence-services>) and/or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations>) (EOC).

Instructors may work with students to meet attendance needs that do not fall within University approved absences. For situations when an absence is not University approved (e.g., a job interview or club activity), instructors determine their own approach to missed classes and make-up assessments and assignments.

The University's policy regarding University approved absences as well as the instructor's course-level policies are communicated to students via the instructor's course syllabus on the first day of class.

Students are encouraged to communicate with their instructors early about potential absences and are reminded that they are bound by the Honor Code (p. 1055) when making a request for a University approved absence.

## Make-up Coursework and Assessment

All students with University approved absences will be treated fairly and equitably, regardless of the reason for the absence.

Instructors will provide reasonable alternatives that permit course objectives and learning outcomes to be met. Alternatives may include a make-up exam, alternative assessment, an additional paper or project of equivalent intellectual effort, an electronically-mediated participation opportunity, a due date extension, or other option that allows students to demonstrate what they have learned without being penalized for the University approved absence. It is a University expectation that instructor be prudent, fair, and equitable when a student misses an

assessment due to a University approved absence. Course policies should avoid inequities, including discrepancies in preparation time for in-class versus make-up exams, missed opportunities to take and learn from an assessment, and policies that penalize students who must use their dropped grade option for a University approved absence.

The Undergraduate Testing Center (<http://testingcenter.web.unc.edu>) provides a secure, proctored environment for administration of makeup assessments, tests, and exams for undergraduate and graduate courses throughout each term. There are regularly scheduled session times each week in addition to the Center's traditional use during final exams time. Please see the center's web site for more information and instructions as well as teaching and learning resources provided by the Center for Faculty Excellence (<https://cfe.unc.edu>).

## Final Examinations

*(Maintained by the Education Policy Committee. Resolution 2017-5, passed on April 21, 2017; Resolution 2017-5.1, passed on May 15, 2017)*

This policy applies to all undergraduate courses across the University.

Undergraduate courses taught on campus must include a final assessment of students' mastery of course material (i.e., final examination) unless the provost grants an exception. A traditional final examination is administered at a predetermined time as specified in the official final examination schedule (<http://registrar.unc.edu/academic-calendar>), and takes place at a designated location in Chapel Hill. Any other type of final examination is considered nontraditional.

The final examination schedule, announced prior to the beginning of the semester, sets the day and time for each examination. No examination may start later than 7:00 p.m. Once having been established, the schedule cannot be changed. Traditional final examinations must be held at the day and time shown on the schedule unless an exception is granted as described below.

Only the provost can grant exceptions to the scheduled day or time of a traditional examination, after review and approval by the appropriate department head and the dean. No examination (except for laboratory sections) may be held at a time other than that specified in the general schedule except with the advance approval of the provost.

A course instructor may, due to highly unusual circumstances, petition for a change in the examination schedule. The instructor must submit the request in writing to his or her chair no later than the last day of late registration for that term, and it must be cleared by the chair and the appropriate dean (e.g., Associate Dean, Academic Advising) before consideration by the provost. If the petition is approved, the course instructor assumes responsibility for making special arrangements to give the examination to any student who has a schedule conflict as a result of the change. This process only applies to requests to change a day or time for an individual section.

Requests to combine all sections of a specific course into one final exam day and time (regardless of the number of sections involved), is considered a request for a Common Hour exam and has an earlier deadline for submission. Requests for all common hour exams must be cleared by the chair or appropriate dean and approved by the provost. Requests for common hour exams must be made to the registrar the first week of February for fall semester final examinations and the first week of September for spring semester final examinations. There is no exception to this deadline.

No graded quizzes or exams (excluding in-class presentations) may be given during the last five days of the semester (last two days of the session for summer school) before the beginning of the final examination period.

For a standard three-credit-hour course, the University has a required three-hour final examination period, which includes 180 minutes of instruction in each semester (see UPM #29 – Definition of a Credit Hour (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-29-definition-of-a-credit-hour>)). Thus, the University requires instructors to provide a full three hours of instruction for final assessment purposes (e.g., written final examination, presentations, portfolio review, performance, review and evaluation, or some combination of these assessments). It is up to the discretion of the instructor of record to determine the form, content, and function of the final examination (e.g., whether it is cumulative; whether it is a three-hour exam or a shorter exam preceded or followed by a period of review; etc.). A traditional final examination should not exceed a period of three hours. Only examinations requiring an exceptional portion of practical work should be longer than three hours (e.g., student teaching).

Chairs (i.e., heads of instructional units) must give permission for faculty members to use nontraditional examinations. Examples of nontraditional examinations include those requiring more than three hours to complete; or other final assessments such as a portfolio of a semester's work, a final project, or a take-home examination. For multidisciplinary and cotaught courses, permission to give a nontraditional examination must be granted solely by the chair of the instructional unit in which the course is based. Even when faculty members have permission to administer nontraditional final examinations, the scheduled examination period must be utilized for instructional hours. The chair should submit to their academic dean's office an annual summary of the exceptions that were granted.

Students who are absent from an examination receive a course grade of AB (absent), which is equivalent to F (zero quality points), or FA (absent and failing regardless of performance on the final examination). When students are unable, for reasons clearly beyond their control, to take a traditional final examination at the scheduled time, they can be excused only by the director of Campus Health Services or their academic dean (who can issue an "examination excuse"). An absence may be excused for severe health problems leading to the student's placement on the Infirmary List by either Campus Health Services or Counseling and Psychological Services, for significant personal or family circumstances, for religious observances required by the student's faith, for a scheduling conflict involving multiple examinations at the same time, or when a student has three or more final examinations scheduled in 24 hours. In cases of illness, personal or family emergency, or religious observance, additional documentation may be required by the dean. Primary holy days for religious observances are noted on a Web-based interfaith calendar site (<http://www.interfaith-calendar.org>). Students are responsible for providing the course instructor and the dean a written request for an excused absence from a final exam for a religious observance or for a scheduling conflict involving multiple examinations no later than the last day of classes. Students must be given the opportunity to make up final exams missed due to an excused absence.

For any University undergraduate courses offered entirely online or via other distance modalities, exams will be offered and must be completed during the scheduled final examination period, but requirements concerning the time of day and place of the exam will be appropriate to the course's mode of delivery. Self-paced courses are exempt from both

the time and place requirements of the exam policy and the requirement that exams be held during the scheduled final examination period.

## Campus Health Services

Students who are seriously ill during the time of their final examination(s) (including complications related to pregnancy) should consult Campus Health Services or Counseling and Psychological Services about having their names entered on the Infirmary List. In some cases, outpatient treatment can also result in a student's name being entered on the Infirmary List. Students on the Infirmary List may obtain an official permit from the Office of the University Registrar to take the final examination to remove a grade of AB. They must make arrangements with their course instructor to take the final examination and provide the instructor with their official permit. If students are treated at Campus Health Services or Counseling and Psychological Services but do not appear on the Infirmary List, they should see the dean of their college as soon as possible.

## Academic Dean

If students know in advance that they must miss one or more final examinations because of illness, religious observance, or other serious problems, they should notify in writing both the course instructor and the dean of the school in which they are enrolled no later than the last day of classes. If this is not possible, they should see their dean as soon after the fact as possible. For students in the College of Arts and Sciences, only the associate dean for advising (or designee) is authorized to issue examination excuses for reasons other than three exams in 24 hours or two exams at the same time. For other students, only the dean of the school in which the student is enrolled has that authority. The dean may require documentation of a student's religious observance, illness, or problems.

Assuming that a student did not take a final examination for one of the reasons previously cited, the dean will issue an official examination excuse, which the student must present to the course instructor when arrangements are made for a suitable time to take the final examination.

A student who has three final examinations scheduled by the Office of the University Registrar within a 24-hour period or two scheduled at the same time may request to his or her dean's office for permission to have one of the scheduled examinations rescheduled. In the event that one of the scheduled examinations is a common final examination for a multiple-section course, that examination is the one to be rescheduled.

Students who have secured an examination excuse or an official permit and who transmit the document to the instructor or the instructor's chair or dean must be granted permission to take the exam at an alternate time, although students will need to arrange a mutually convenient time with the instructor. Except when the provost has provided an exception in writing, the exam will be taken at a time subsequent to the regularly scheduled exam, though no later than the end of the following semester.

The final examination in any course may be taken only by regularly enrolled members of the class whose registration has been certified and by students certified to be eligible to take a special examination in that course. The certifying authority is the Office of the University Registrar.

Each student is required to sign a full and explicit Honor Code pledge certifying that he or she has neither given nor received aid during the examination.

## Grading System

### Permanent Letter Grades

A letter-grade and plus/minus system for evaluating academic performance is employed for all undergraduates. Each letter grade corresponds to a number of grade points. Each letter-graded course receives a numerical value of quality points (quality points equal grade points times semester credit hours per course) to use in determining a student's average (per credit hour) in a particular term and to find a student's cumulative grade point average (per credit hour).

A = 4.0	B- = 2.7	D+ = 1.3
A- = 3.7	C+ = 2.3	D = 1.0
B+ = 3.3	C = 2.0	F = 0.0
B = 3.0	C- = 1.7	

To determine the grade point average for a term, first determine the total quality points earned in the term by multiplying the number of grade points awarded for each course by the course's assigned number of semester credit hours and adding the resulting quality points earned for each course in the term. Then divide the total quality points earned in the term by the number of semester credit hours attempted (for letter grades) in the term.

#### Example

Course	Grade	Grade Points	x	Credit Hours	=	Quality Points
Course A	C+	2.3	x	3.0	=	6.90
Course B	B-	2.7	x	3.0	=	8.10
Course C	B	3.0	x	4.0	=	12.00
Course D	C-	1.7	x	3.0	=	5.10
Course E	A-	3.7	x	1.0	=	3.70
Course F	F	0.0	x	1.0	=	0.00
Course G	A	4.0	x	3.0	=	12.00
Total quality points earned:						47.80
Total graded hours:						18.0
Term grade point average:						$\frac{47.80}{18.0} = 2.656$

#### Permanent grades are defined as follows:

**A** Mastery of course content at the highest level of attainment that can reasonably be expected of students at a given stage of development. The A grade states clearly that the student has shown such outstanding promise in the aspect of the discipline under study that he/she may be strongly encouraged to continue.

**B** Strong performance demonstrating a high level of attainment for a student at a given stage of development. The B grade states that the student has shown solid promise in the aspect of the discipline under study.

**C** A totally acceptable performance demonstrating an adequate level of attainment for a student at a given stage of development. The C grade states that while not yet showing any unusual promise, the student may continue to study in the discipline with reasonable hope of intellectual development.

**D** A marginal performance in the required exercises demonstrating a minimal passing level of attainment for a student at a given stage of development. The D grade states that the student has given no evidence of prospective growth in the discipline; an accumulation of D grades should be taken to mean that the student would be well advised not to continue in the academic field.

**F** For whatever reasons, an unacceptable performance. The F grade indicates that the student's performance in the required exercises has revealed almost no understanding of the course content. A grade of F should warrant questioning whether the student may suitably register for further study in the discipline before remedial work is undertaken.

Grades earned and semester hours attempted at other institutions are not included in the calculation of the University grade point average.

Records of progress are kept by this institution on all students. Students have two primary methods to gain access to term grades:

- Using a browser to access ConnectCarolina.
- Making a request in person at the Office of the University Registrar. Students should call the Office of the University Registrar at (919) 962-0495 if they have questions about grade reporting services.

### Temporary Grades (IN and AB) and FA Grades

Any student who ceases to attend a class without officially being dropped or withdrawn may receive a temporary grade of AB or IN or a permanent grade of FA.

Students who do not complete all requirements in a course by the end of the semester, but who could pass the course if they did, receive a temporary grade of IN (incomplete) or AB (absent from the final exam) in place of a permanent letter grade. Grades of IN and AB carry the value of an F grade (zero quality points) and are used in the computation of semester and cumulative grade point averages. Students who do not



complete the course requirements within a specified period of time are assigned permanent F\* grades on their academic transcripts by the Office of the University Registrar.

The instructor must report the grade of AB for any student who did not take the final examination and who, by taking the final examination, could pass the course. This AB grade carries the value of an F in computing the student's cumulative and semester grade point average, and later converts to an F\* unless the student arranges to take the final examination before the last class day of the next scheduled semester (fall or spring). If the student cannot pass the course regardless of a final examination performance, the instructor must report the grade FA. The grade of FA (cannot pass the class) is a permanent failing grade. A grade of F may be assigned instead of a temporary grade or a grade of FA when a final examination is not required in the course.

The grade IN may only be assigned by an instructor to a student who took the final examination in a course but did not complete some other course requirement (including signing the honor pledge) and who, by virtue of completing that missing work, might pass the course. An IN carries the value of an F (zero quality points) in computing a student's cumulative and semester grade point average. Unless removed within eight weeks of the beginning of the regularly scheduled semester (fall or spring) following its assignment, an IN converts to an F\*.

When submitting an AB or IN, an instructor must enter the grade on the instructor's grade roster and must also complete a temporary grade assignment form ([http://registrar.sites.unc.edu/files/2012/03/CCM3\\_031444.pdf](http://registrar.sites.unc.edu/files/2012/03/CCM3_031444.pdf)) available online through the Office of the University Registrar. The purpose of this form is to establish a record of what arrangements, if any, have been made between the student and instructor to clear the AB or IN.

Absence from a final examination may be officially excused only by the student's dean or the director of Campus Health Services or Counseling and Psychological Services. Please see "Final Examinations" above for information about final examination excuses.

## Important Rules and Procedures Pertaining to AB and IN Grades

The decision to report an IN grade is solely the responsibility of the course instructor; however, a student may present proper justification for the instructor's consideration.

Temporary grades should be cleared by completing the work outstanding, preferably no later than the start of the following semester. The deadline for clearing a temporary grade of AB is the last class day of the next regularly scheduled semester (fall or spring) after the AB grade is awarded. A temporary grade of IN must be cleared within the first eight weeks of the regularly scheduled semester (fall or spring) after the IN grade is awarded.

If students intend to remove IN or excused AB grades, they should not officially enroll in the course(s) during the next semester or summer session. If recommended by the course instructor, a student may attend by officially auditing a part of that instructor's section of the course or another instructor's section of the same course in which the temporary grade was awarded.

If a student enrolls in a course in which a temporary grade has been previously received, the second enrollment is taken as evidence that the student could not or is not permitted to remove the temporary grade. This results in replacing the temporary grade by F\* after the deadline

for removing the temporary grade. The grade earned during the second enrollment is also reported on the student's academic transcript and is used along with the F\* grade in the computation of a cumulative grade point average.

## Other Grades and Notations

A notation of BE (By-Examination) is entered in the grade column of academic transcripts if students are awarded credit for a course as a result of evaluation by departmental, Advanced Placement, International Baccalaureate, or SAT II Subject Test examinations. BE credit confers credit hours and can be used to fulfill General Education requirements. For first-time, first-year students entering UNC-Chapel Hill in fall 2009 or thereafter, no more than two courses (six to eight credit hours) of BE credit can be applied to a major and no more than one course (three to four credit hours) of BE credit can be applied to a minor in the College of Arts and Sciences. BE credit may not be used to satisfy the requirement that students earn at least 12 or 18 hours of C or better grades in courses making up the minor or major respectively.

A notation of NG (no grade) is not used by individual instructors but rather is assigned by the Office of the University Registrar when a permanent grade is pending a judicial review by the Honor Court.

A notation of PL (placement) is entered in the grade column of academic transcripts if students are awarded exemption for a course as a result of an evaluation that would ordinarily place them in a succeeding course. PL does not confer credit hours.

There are some courses for which only a grade of PS (pass) or F (fail) can be awarded. For all other courses, students may opt to take a class on a Pass/Fail basis (<http://catalog.unc.edu/policies-procedures/registration-enrollment-withdrawal>).

A grade of SP (satisfactory progress) may be used in the first course of a departmental undergraduate honors program. The honors program runs through two semesters, and a final grade is not reported until completion of the second course. When the final grade is reported, the previously assigned SP grade must be changed to the appropriate permanent letter grade by an official grade change form. Credit hours are awarded for the first honors course only after a letter grade replaces the SP grade. An SP grade is not computed in the grade point average.

A notation of W (withdrawn) is entered in the grade column of academic transcripts if students are permitted by their school to drop a course after the eighth week of classes or proportional equivalent for summer terms and other nonstandard enrollment periods. This notation is automatically entered unless the student's academic dean specifies otherwise.

When a course is dropped between the second and eighth week of classes, a grade of WC (withdrawal by choice) shall be recorded and used internally for tracking and reporting purposes. For external purposes, the WC grade is equivalent to the W grade. Once declared, a WC grade cannot be rescinded except when a student withdraws from an entire semester due to extenuating circumstances.

A notation of XF is entered to indicate that a student has not passed a course as the result of an Honor Court violation. The grade of XF can be replaced by a final grade of F if the student follows prescribed steps to remediate the violation.

A blank space or a grade of NR (not reported) is shown in the grade column when the instructor has not submitted the official grade for the student.

## Repeating Course Enrollments

See Registration, Enrollment, and Withdrawal (p. 1042).

## Grades Earned at Other Institutions

With the exception of courses taken via interinstitutional registration (p. 1042), grades earned and semester hours attempted at other institutions are not included in the computation of a grade point average at the University. A grade point average earned at another university may not be used to restore academic eligibility; however, academic hours earned at another university may be used to restore academic eligibility if the student is lacking only credit hours and has a satisfactory grade point average. Special rules regarding transfer courses apply; see Transfer of Credit (p. 17) and Academic Eligibility (p. 1053).

## Grade Appeals

The grades of H, HP, P, LP, L, A, A-, B+, B, B-, C+, C, C-, D+, D, PS, F, FA, F\*, and numerical grades in the Law School are considered permanent grades. Once reported, the instructor's grade report may not be changed except under certain conditions. For a grade change to be considered, it must be based upon one or more of the following grounds and upon allegation that the ground or grounds cited influenced the grade assignment to the student's detriment:

- Arithmetic or clerical error
- Arbitrariness, possibly including discrimination or harassment based on the race, color, gender, national origin, age, religion, creed, disability, veteran's status, sexual orientation, gender identity, or gender expression of the student
- Personal malice
- Student conduct cognizable under the *Instrument of Student Judicial Governance*

A grade appeal must be made no later than the last day of classes for the succeeding fall or spring semester.

### Grade Appeals Correcting a Clerical or Arithmetical Error

An instructor who has reported an incorrect grade for a student because of an error in calculating the grade, or in entering it on the official grade roster, may change the grade to one of the other letter grades, provided this change is made no later than the last day of classes of the succeeding fall or spring semester. Grade changes are submitted online using the Grade Change Request process, with electronic approvals required by the instructor, the department chair, and student's dean's office.

### Other Grade Appeals

Any student who protests a course grade shall first attempt to resolve this disagreement with the instructor concerned. (As explained in the preceding paragraph, an instructor may change a permanent grade only when a clerical or arithmetical error is involved.) Failing to reach a satisfactory resolution, the student may appeal the grade in accordance with the procedures outlined below. Such appeal must be made no later than the last day of classes of the succeeding fall or spring semester.

Students should present the appeal in writing to the dean of their school (students in the College of Arts and Sciences must submit it in writing to the associate dean for advising). The dean will refer the appeal to the administrative board of his/her school, which will meet to consider whether the student has offered sufficient grounds for referring the appeal to the chair of the department concerned. If the administrative board determines that further review by the academic department is appropriate, the department chair will then appoint a

committee to consider the appeal and will make a recommendation to the administrative board based on the committee's findings. The administrative board will make the final decision, and no change of grade will be made except as a result of the decision by the board. The chair will report such decision to change the grade to the Office of the University Registrar.

# ACADEMIC STANDING

## Academic Eligibility Policy

For students in the undergraduate career, the University's academic eligibility policy specifies the minimum standards of academic performance required for continued enrollment. These standards apply to undergraduate students enrolled in courses during or after the fall 2016 semester.

## Degree-Seeking Programs

To guide students toward timely degree completion, the University maintains academic eligibility standards. These standards are reviewed at the end of fall, spring, summer I, and summer II terms. These standards determine academic status for each undergraduate in a degree-seeking program. Academic status indicates eligibility to enroll in any course in any term including summer. Students must check their academic status in ConnectCarolina at the end of each enrolled fall, spring, or summer term.

Academic status is determined through four standards of satisfactory academic progress:

1. **Grade Point Average.** A cumulative UNC–Chapel Hill grade point average of at least a 2.000 is required.
2. **Completion Rate.** Students must successfully complete at least 2/3 of cumulative attempted credit hours. By-Exam (BE) and credits transferred in to UNC–Chapel Hill count as both attempted and completed hours. Withdrawals, temporary grades including AB, IN, or SP, and failed courses count as attempted hours but not completed hours. Completed Hours/Attempted Hours=Completion Rate.
3. **Cumulative Hours Passed\*.** To enroll in courses, students must have earned the following:
  - After one full-time semester: 9 academic hours
  - After two full-time semesters: 24 academic hours
  - After three full-time semesters: 36 academic hours
  - After four full-time semesters: 51 academic hours
  - After five full-time semesters: 63 academic hours
  - After six full-time semesters: 78 academic hours
  - After seven full-time semesters: 93 academic hours

Students are expected to complete their degree within a maximum of eight full-time semesters. Transfer students (who transfer in the UNC–Chapel Hill equivalent of two or more semesters, see "Calculation of Transferred Semesters Based on the Number of Transfer Hours (p. 1039)") may enroll in up to 10 total semesters. Students who enter as first years are required to apply for a ninth or tenth semester. For information about the application process, students in professional schools must contact their professional school dean, and students in the College of Arts and Sciences must contact the Academic Advising Program (<http://advising.unc.edu>).

\*Part-time students are excluded from this standard.

4. **Maximum Time Frame.** Students must complete their degree within 180 attempted credit hours.

There are four **academic statuses**: good standing, warning, suspension, and probation.

Students who meet each of the four standards at the end of an enrolled term will have an academic status of **good standing**.

Students who begin an enrolled term in good standing but do not meet each of the four standards at the end of that enrolled term will receive an academic status of **warning**. Students with a status of warning may enroll in courses and must complete an academic intervention plan (<http://studentsuccess.unc.edu/warning>).

A student who begins an enrolled term with a status of warning and falls short of the standards at the end of that enrolled term will earn an academic status of **suspension**. Students with an academic status of suspension cannot enroll in any courses in any terms. Students with an academic status of suspension have two options:

- a. Appeal for **probation**. Students granted academic probation by appeal must complete an academic intervention plan (<http://studentsuccess.unc.edu/academic-probation-3>). Students denied probation by appeal can pursue option b.
- b. Spend a term engaging in study, work, or wellness activities away from UNC–Chapel Hill. These opportunities could include coursework at another institution, employment, volunteer work, or healthcare or wellness activities. During this time students should reflect on their academic path, development, choices, and actions. Students should also implement strategies that will enhance their effectiveness upon return to the University. After a term away from the University, students who have engaged in study, work, or wellness activities may appeal to return to the University on probation. Students appealing after a term or longer away from the University must include documentation of their experiences while away such as a transcript from another institution, a letter from an employer, or a letter from a healthcare provider. These documents must convey evidence of the student's readiness to return to the University.

A student who begins an enrolled term with a status of probation and falls short of the standards at the end of that enrolled term will earn an academic status of **suspension**. Students with an academic status of suspension have two options (see above).

## Repeats, Withdrawals, and Incompletes

**Attempted hours** include all those in which a student is enrolled as of the end of the second week of each fall or spring term (the 10th day of the term, generally known as the "census date"). Students may drop a course until the 10th day of the term. Dropped courses do not count in attempted hours.

The summer schedule is similar to fall/spring but is determined according to the summer calendar. Credit hours that are dropped or withdrawn prior to the census date are not considered attempted; credit hours that are dropped or withdrawn after the census date are considered attempted.

**Repeated courses** affect grade point average and Completion Rate.

**Transfer hours** do not affect grade point average. Transfer hours are added to both completed hours and attempted hours in the Completion Rate calculation.

**Courses with temporary grades of IN or AB** affect grade point average. A grade of IN (incomplete) or AB (absent from final exam) is calculated as an F until a permanent grade is assigned. If a grade of IN or AB is converted to a passing grade, grade point average will be recalculated

accordingly. Grades of IN or AB will adversely affect Completion Rate, counting as attempted hours but not completed hours.

**Withdrawn courses** do not affect grade point average. Withdrawn courses are NOT considered a successful completion, though, and will adversely affect Completion Rate.

**Failed courses** influence grade point average. A failed course will also adversely affect Completion Rate, counting as attempted hours but not completed hours.

## Overview of Academic Status

Entering Academic Status	Term Performance	New Academic Status
Good	Meets all 4 standards	Good (may enroll)
Good	Does not meet all 4 standards	Warning (may enroll; must complete academic intervention plan)
Warning	Meets all 4 standards	Good (may enroll)
Warning	Does not meet all 4 standards	Suspension (may not enroll; may pursue options a or b for suspension status)
Probation	Meets all 4 standards	Good (may enroll)
Probation	Does not meet all 4 standards	Suspension (may not enroll; may pursue options a or b for suspension status)

## Academic Eligibility Policy for Non-Degree-Seeking Programs

For non-degree-seeking students there are three academic statuses: good standing, alert, and ineligible. A non-degree-seeking student with a 2.000 or higher cumulative grade point average will be in good standing and eligible to enroll in courses. If a non-degree-seeking student falls below a 2.000 cumulative grade point average, the student will be assigned a status of alert. A non-degree-seeking student who begins a term with a status of alert and does not raise his or her cumulative grade point average to 2.000 or higher at the end of the term will have an academic status of ineligible and will not be permitted to enroll in courses. Non-degree-seeking students with a status of ineligible may appeal to The Friday Center.

## Appeals

Students may, under extraordinary circumstances, present an appeal in writing (or online for students in the College of Arts and Sciences) to the dean of their school (for students in the College of Arts and Sciences, this is the associate dean for advising). The dean will refer the appeal to the administrative board for his/her school.

## Calculation of Transferred Semesters Based on the Number of Transferred Credit Hours

See the Credit and Evaluation (p. 1039) section of the catalog.

## Additional Information for Students with an Academic Status of Suspension

- If students earn 15 or more transfer semester credit hours for courses taken at other institutions cumulatively over the fall or spring semesters before applying for readmission to the University,

a calculation will be made as to how many semesters the student is regarded as having completed, based on the number of hours accepted for transfer credit. The resulting tally of total semesters completed will determine requirements for restoring academic eligibility.

- Students should consult their academic advisor if they are considering taking classes at another institution. Grades do not transfer, and credit hours accumulated through enrollment in fall and spring semesters at other schools can affect the number of remaining semesters that students have left to complete their degree requirements at UNC–Chapel Hill.
- Students who attend another institution (summer, fall, or spring), and who apply for readmission must have at least a 2.000 (C) average in work at the other institution.
- Students who have a housing assignment or contract for the following semester should either cancel their application/contract or notify the University's Department of Housing and Residential Education of their intention to restore academic eligibility before the following semester begins.

Students who are inactive during a semester because of ineligibility (or other reasons) must apply for readmission before registering for a full-time term.

## Removing AB or IN Grades

For information about completing courses with grades of AB (absent from the final examination) or IN (incomplete), see the grading system information (p. 1048).

# HONOR CODE

## The Honor Code

The Honor System forms a bond of trust among students, faculty, and administrators. The University of North Carolina at Chapel Hill operates under a system of self-governance, as students are responsible for governing themselves. As such, our University is transformed into a powerful community of inquiry and learning. The Honor Code embodies the ideals of academic honesty, integrity, and responsible citizenship, and governs the performance of all academic work a student conducts at the University. Acceptance of an offer of admission to Carolina presupposes a commitment to the principles embodied in our century-old tradition of honor and integrity.

## Mutual Responsibilities of the Faculty and Students

Academic work is a joint enterprise involving faculty and students. Both have a fundamental investment in the enterprise and both must share responsibility for ensuring its integrity. In relation to the Honor Code, therefore, specific responsibilities of the faculty which parallel the responsibilities of the students have been formally adopted by the Faculty Council.

### Responsibilities of the Faculty

1. Awareness: To assure that community-wide expectations regarding academic integrity are understood and communicated, and that students are held accountable for conforming their conduct to such expectations.
2. Communicating Expectations and Administering Examinations: To assist students in complying with their responsibilities relating to academic integrity, faculty members, teaching assistants, and other instructional personnel should
  - a. Use good judgment in setting and communicating clear ground rules for academic work conducted under their supervision.
  - b. Require students to sign the honor pledge as a condition of submitting academic assignments.
  - c. Take steps to prevent unauthorized access to examinations during development, duplication, and administration.
  - d. Avoid reusing prior examinations in whole or in part to the extent possible.
  - e. Take all reasonable steps consistent with physical classroom conditions to reduce the risk of cheating during the administration of examinations.
  - f. Maintain proper security during the administration of examinations, including as appropriate overseeing distribution and collection of examinations and proctoring the examination session.
3. Oversight: In the event of student misconduct that appears to violate the requirements of the Honor Code, faculty members, teaching assistants, and other instructional personnel should
  - a. Report to the appropriate Student Attorney General any instance in which the instructor has reasonable basis to conclude that a student under the faculty member's supervision has engaged in academic dishonesty or substantially assisted another to do so in connection with academically related work.
  - b. In the instructor's discretion, notify the student of the instructor's intention to report the suspected academic dishonesty and permit the student to provide relevant further information if the student chooses to do so.

- c. Refrain from taking unilateral punitive action as to a student rather than reporting conduct in suspected violation of the Honor Code.
  - d. Cooperate with representatives of the Honor System in conducting necessary investigation, providing testimony or other evidence, recommending appropriate sanctions, or otherwise bringing the matter to prompt conclusion.
4. Involvement: To bring to bear requisite faculty judgment regarding the nature and importance of academic integrity, and to nourish a strong campus-wide understanding and commitment to associated intellectual and personal values, faculty members, teaching assistants, and other instructional personnel should
  - a. Explore issues of integrity in connection with instructional activities where relevant and appropriate.
  - b. Encourage their academic units to take matters of academic integrity seriously, become informed regarding related problems and advisable means of preventing problems from arising, and provide requisite training and support to instructional personnel.
  - c. Participate upon request as part of educational initiatives, faculty advisory panels, and University Hearing Boards designed to create, nurture, and enforce high standards of academic integrity within the University community.

### Responsibilities of Students

To ensure effective functioning of an Honor System worthy of respect in this institution, students are expected to

1. Conduct all academic work within the letter and spirit of the Honor Code, which prohibits the giving or receiving of unauthorized aid in all academic processes.
2. Consult with faculty and other sources to clarify the meaning of plagiarism, to learn the recognized techniques of proper attribution of sources used in the preparation of written work, and to identify allowable resource materials or aids to be used during examination or in completion of any graded work.
3. Sign a pledge on all graded academic work certifying that no unauthorized assistance has been received or given in the completion of the work.
4. Comply with faculty regulations designed to reduce the possibility of cheating—such as removing unauthorized materials or aids from the room and protecting one's own examination paper from the view of others.
5. Maintain the confidentiality of examinations by divulging no information concerning an examination, directly or indirectly, to another student yet to write that same examination.
6. Treat all members of the University community with respect and fairness.
7. Report any instance in which reasonable grounds exist to believe that a student has given or received unauthorized aid in graded work or in other respects violated the Honor Code. Such report should be made to the Office of the Student Attorney General, the Office of the Dean of Students, or other appropriate officer or official of their college or school.
8. Cooperate with the Office of the Student Attorney General and the defense counsel in the investigation and hearing of any incident of alleged violation, including the giving of testimony when called upon.

## Procedure for Reporting

Members of the University community who wish to report possible violations of the Honor Code should contact the Office of Student



Conduct at (919) 962-0805 or fill out the online form (<https://studentconduct.unc.edu/report-violation-office-student-conduct>). The Office of Student Conduct will review the report and refer it to the appropriate Student Attorney General for action.

# UNIVERSITY POLICIES

## Regulations and Policies

The personal conduct of the University student is subject to the moral and legal restraints found in any law-abiding community. Additionally, the Honor Code is a positive force for good citizenship. University regulations are not specifications for acceptable conduct or detailed lists of offenses subject to penal action. They are intended to provide information about systematic procedures and equitable decisions in many situations involving individual students and officers of the University.

### Alcoholic Beverages

Possession and use of alcoholic beverages is substantially regulated by federal, state, and local laws and ordinances. Within this legal framework, the University's Alcohol Policy (<https://unc.policystat.com/policy/4467892/latest>) sets out the conditions under which alcoholic beverages may be used on University property.

According to North Carolina law

- Generally, persons 21 or older may purchase or consume alcoholic beverages and may possess alcoholic beverages at their homes or temporary residences.
- It is against the law for any person under 21 to purchase or possess any alcoholic beverage. (General Statute 18B-302)
- It is against the law for anyone to sell or give any alcoholic beverage to a person under 21 or to aid or abet such a person in selling, purchasing, or possessing any alcoholic beverage. (General Statute 18B-302)
- No alcoholic beverages may be sold by any person, organization, or corporation on a college campus except as permitted by North Carolina General Statutes, Sect. 18B-1006 (a).

According to Chapel Hill ordinance, it is against the law for anyone to possess any open container of alcohol on streets, sidewalks, alleys, or any other property owned or controlled by the Town of Chapel Hill.

In addition to following the law, the Alcohol Policy of The University of North Carolina at Chapel Hill sets out special rules about alcohol for students and student organizations. The Office of the Dean of Students will provide copies of the policy and assistance in understanding its full implications. The text of the policy (<https://unc.policystat.com/policy/4467892/latest>) can be accessed on the Web.

Under the policy

- Alcohol may not be served, consumed, or sold in any University facility or open space except as provided in Appendix B of the policy.
- Common source containers of alcohol (e.g., kegs) are not permitted on campus.
- Students and their guests age 21 and older may possess and consume alcoholic beverages in individual campus residence hall rooms or apartments on campus, but not in the common areas of a campus residence hall.
- No student activity fees or other University-collected fees may be used to purchase alcohol.
- No other funds of an officially recognized student group deposited or administered through the University may be used to purchase alcohol.

- Student groups are not prohibited from having events off campus at which individual group members age 21 or older bring or buy their own alcoholic beverages.

Students who violate the policy face mandatory alcohol education, housing sanctions (for violations arising in University housing), and sanctions, including written reprimand, restitution, counseling/referral, and/or educational or community service activities. Student groups who violate the policy face sanctions of written reprimand, restitution, mandatory educational programs or community service, and/or loss of University recognition. Behavior that violates the Code of Student Conduct, state, or federal laws may also be referred to the Office of Student Conduct, the Emergency Evaluation and Action Committee, and/or state and federal authorities.

### Code of the University of North Carolina

**Section 502D(3)**—Subject to any policies or regulations of the Board of Governors or of the Board of Trustees, it shall be the duty of the chancellor to exercise full authority in the regulation of student affairs and student conduct and discipline. In the discharge of this duty, delegation of such authority may be made by the chancellor to faculty committees and to administrative or other officers of the institution, or to agencies of student government, in such manner and to such extent as may by the chancellor be deemed necessary and expedient. In the discharge of the chancellor's duty with respect to matters of student discipline, it shall be the duty of the chancellor to secure to every student the right to due process. Appeals from these disciplinary decisions are allowable only on the following grounds:

1. a violation of due process, or
2. a material deviation from Substantive and Procedural Standards adopted by the Board of Governors.

Where the sanction is suspension or expulsion, an appeal may be made to the Board of Trustees. No appeal to the president is permitted. When the sanction is expulsion, the final campus decision is appealable to the Board of Governors.

### Commercial Activities

Commercial exchanges, including selling or soliciting for the sale of goods or services by any person on the campus of the University is prohibited except as provided for in the Policy (<https://policies.unc.edu/policies/fac-use>) on Use of University Facilities for Noncommercial and Commercial Purposes.

### Emergency Action

Occasionally, emergency situations arise in connection with an applicant's and/or current student's behavior. These incidents may require a faster response than the University's student judicial system can provide. To address these situations and to support the University's obligation to provide a safe campus, the chancellor established the Emergency Evaluation and Action Committee. The emergency action taken varies based on the nature and severity of the allegations and can include, but is not limited to, denial of admission and/or separation from the University.

Students whose cases may require action by the committee fall into five categories:

- An applicant for admission or readmission to the University who has been convicted of a crime involving assaultive or felonious

behavior, who has a record of violent behavior, or who has a record of academic dishonesty or disciplinary rule violations elsewhere;

- A student whose behavior, on or off campus, is such that his/her presence in the University, in the judgment of the Committee, poses a serious threat of disruption of the academic process or a continuing danger to other members of the University community or University property;
- A student or applicant for admission who has been arrested and charged with a serious crime of a violent or dangerous nature, or a serious crime that involved placing another person in fear of imminent physical injury or danger, where, in the judgment of the Committee, if the student is found guilty, his/her presence in the University would pose a serious threat of disruption of the academic process or a continuing danger to other members of the University community or University property;
- A student, charged by the University with a violation of policies concerning illegal drugs, whose continued presence within the University community would, if the charges are true, constitute a clear and immediate danger to the health or welfare of other members of the University community; or
- A student whose behavior on or off campus is such that, in the judgment of the Committee, he/she poses a danger to himself/herself.

Additional information on the committee and its procedures is available from Student Affairs through the Office of the Dean of Students. The text (<https://unc.policystat.com/policy/4639588/latest>) of the committee's policy and procedures is on the Web.

## Equity in Athletics Disclosure Act

Information compiled under the federal Equity in Athletics Disclosure Act is available on request from the Department of Athletics Business Office.

## Expulsion

A student who has been expelled from an institution in The University of North Carolina System may not be admitted to another UNC System school unless the institution that originally expelled the student rescinds that expulsion.

## Fireworks, Firearms, and Other Weapons

It is a felony, punishable by fine and/or imprisonment, to possess or carry, openly or concealed, any gun, rifle, pistol, or other firearm of any kind, or any dynamite cartridge, bomb, grenade, mine, or powerful explosive on any University campus, in any University-owned or operated facility, or at a curricular or extracurricular activity sponsored by the University. Such conduct also may constitute a violation of the Honor Code. (See North Carolina General Statute 14-269.2 ([http://www.ncga.state.nc.us/EnactedLegislation/Statutes/PDF/BySection/Chapter\\_14/GS\\_14-269.2.pdf](http://www.ncga.state.nc.us/EnactedLegislation/Statutes/PDF/BySection/Chapter_14/GS_14-269.2.pdf)).

A person who has a concealed handgun permit that is valid under North Carolina law, or who is exempt from obtaining a permit pursuant to North Carolina law, may have a handgun in a closed compartment or container within the person's locked vehicle or in a locked container securely affixed to the person's vehicle. A person may unlock the vehicle to enter or exit the vehicle provided the firearm remains in the closed compartment at all times and the vehicle is locked immediately following the entrance or exit.

It is a Class 1 misdemeanor, punishable by fine and/or imprisonment, to possess or carry any BB gun, stun gun, air rifle, air pistol, bowie knife, dirk, dagger, slingshot, leaded cane, switchblade knife, blackjack,

metallic knuckles, razors and razor blades (except for personal shaving), fireworks, or any sharp-pointed or edged instrument (except instructional supplies, unaltered nail files, and clips and tools used solely for preparation of food, instruction, and maintenance) upon any University campus or in any University-owned or operated facility. Such conduct may also constitute a violation of the Honor Code.

## Graduation Rate

Pursuant to the federal Student Right-to-Know Act, we report that, in 2016–2017, the six-year completion or graduation rate for undergraduates who entered the University of North Carolina at Chapel Hill in 2011 on a full-time basis was 90.9 percent.

## Housing and Residential Education

For policies and procedures related to living on campus, visit the Housing and Residential Education (<https://housing.unc.edu/about-us/policies/community-living-standards>) Web site.

## Immunization Requirement

Effective July 1, 1986, North Carolina state law requires that no person shall attend a college or university in North Carolina unless a certificate of immunization indicating that the person has received the immunizations required by the law is presented to the college or university on or before the first day of matriculation.

If a student's Medical History Form containing the certificate of immunization is not in the possession of Campus Health Services 10 days prior to the registration date, the University shall present a notice of deficiency to the student in question. The student shall have 30 calendar days from the first day of attendance to obtain the required immunizations, or present evidence of exemption. Those persons who have not complied with the immunization requirements by the end of 30 calendar days will be administratively withdrawn from the University.

## Improper Relationships between Students and Employees

On March 15, 1996, The University of North Carolina Board of Governors adopted a systemwide policy that prohibits amorous or sexual relationships between faculty or staff employees and

1. students they evaluate or supervise by virtue of their teaching, research, administrative, or other employment responsibility and
2. students who are minors below the age of 18.

The policy also states that faculty or staff employees may not supervise or evaluate students to whom they are related by blood, law, or marriage. The full guidelines (<https://hr.unc.edu/employees/policies/relationships-students-employees>) based on the board's policy are available on the Web.

## Veterans' Educational Benefits

Students who expect to use their veterans' educational benefits must contact the Veterans' Services Assistant in the Office of the University Registrar, located in the Student and Academic Services Building North. Students must maintain satisfactory academic progress to be eligible for VA educational benefits. Students who are not eligible at the end of the term will not be eligible for veterans' educational benefits in subsequent terms until they regain their eligibility. For further information, please visit the Web site (<http://registrar.unc.edu/academic-services/veteran-affairs>) or call (919) 962-9864.

## Military Tuition Benefit

The information in this section comes from two sources:

1. North Carolina General Statutes, Sect. 116–143.3 ([http://www.ncleg.net/EnactedLegislation/Statutes/PDF/BySection/Chapter\\_116/GS\\_116-143.3.pdf](http://www.ncleg.net/EnactedLegislation/Statutes/PDF/BySection/Chapter_116/GS_116-143.3.pdf)); and
2. *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of State Residence* (the *Manual*).

Please refer to the *Manual* for specific policy information regarding the military tuition benefit.

Certain members of the Armed Services and their dependent relatives who are not residents for tuition purposes may become eligible to be charged the in-state tuition rate under North Carolina General Statutes Section 116–143.3, the military tuition benefit provision. Any person seeking the military tuition benefit must qualify for admission to UNC–Chapel Hill and must file an application for the benefit with his or her admissions office. The burden of proving eligibility for the military tuition benefit lies with the applicant. Because of the time involved in securing the necessary affidavits from the appropriate military authorities, prospective applicants for the military tuition benefit are urged to secure application forms from their admissions offices and begin the application process several weeks before the first day of classes of the term for which they seek the benefit. The application deadlines (<http://registrar.unc.edu/academic-services/residency/important-dates>) are posted on the Office of the University Registrar’s Web site.

### Eligibility of Members of the Armed Services

To be eligible for this military tuition benefit, the individual must be on active duty and a member of the United States Air Force, Army, Coast Guard, Marine Corps, Navy, North Carolina National Guard, or a reserve component of one of these services and must be abiding in North Carolina incident to active military duty.

### Eligibility of Dependent Relatives of Service Members

If the service member meets the conditions set forth above, his or her dependent relatives may be eligible to pay the in-state tuition rate if they share the service member’s North Carolina abode, if they have complied with the requirements of the Selective Service System (if applicable), and if they qualify as military dependents of the service member.

Special exceptions apply to military personnel and their dependents if the military person is reassigned outside of North Carolina or retires in North Carolina. Please consult the *Manual* for specific policy information.

### Eligibility for Certain Veterans, Their Spouses, and Dependent Relatives

Under North Carolina General Statute Section (G.S.) 116-143.3A ([https://www.ncleg.net/EnactedLegislation/Statutes/PDF/BySection/Chapter\\_116/GS\\_116-143.3A.pdf](https://www.ncleg.net/EnactedLegislation/Statutes/PDF/BySection/Chapter_116/GS_116-143.3A.pdf)), certain veterans and other individuals entitled to federal education benefits under 38 U.S.C. Chapter 30 or 38 U.S.C. Chapter 33 may be eligible to be charged the in-state tuition rate and applicable mandatory fees for enrollment without satisfying the 12-month residency requirement under G.S. 116-143.1 ([https://www.ncleg.net/EnactedLegislation/Statutes/PDF/BySection/Chapter\\_116/GS\\_116-143.1.pdf](https://www.ncleg.net/EnactedLegislation/Statutes/PDF/BySection/Chapter_116/GS_116-143.1.pdf)).

A veteran is a person who served active duty for not less than 90 days in the Armed Forces, the Commissioned Corps of the U.S. Public Health Service, or the National Oceanic and Atmospheric Administration and who was discharged or released from such service under conditions other than dishonorable.

For a veteran to qualify:

- The veteran applies for admission to the institution of higher education and enrolls within three years of the veteran’s discharge or release from the Armed Forces, the Commissioned Corps of the U.S. Public Health Service, or the National Oceanic and Atmospheric Administration.
- The veteran qualifies for and uses educational benefits pursuant to 38 U.S.C. 31 Chapter 30 (Montgomery G.I. Bill Active Duty Education Assistance Program) or 38 U.S.C. Chapter 33 (Post-9/11 Educational Assistance).
- The veteran’s abode is in North Carolina.
- The veteran provides the institution of higher education at which the veteran intends to enroll a letter of intent to establish residence in North Carolina.

### Eligibility of Veteran’s Spouse and Dependent Relatives Who Are Recipients of Transferred Federal Educational Benefits

Any person who is the spouse or a dependent relative of a veteran is also eligible to be charged the in-state tuition rate and applicable mandatory fees for enrollment without satisfying the 12-month residency requirement under 6 G.S. 116-143.1, if the person meets all of the following criteria:

- The person qualifies for admission to the institution of higher education as defined in G.S. 116-143.1(a)(3) and enrolls in the institution of higher education within three years of the veteran’s discharge or release from the Armed Forces, the Commissioned Corps of the U.S. Public Health Service, or the National Oceanic and Atmospheric Administration.
- The person is the recipient of transferred federal educational benefits pursuant to 38 U.S.C. Chapter 30 (Montgomery G.I. Bill Active Duty 14 Education Assistance Program) or 38 U.S.C. Chapter 33 (Post-9/11 Educational Assistance).
- The person’s abode is in North Carolina.
- The person provides the institution of higher education at which the person intends to enroll a letter of intent to establish residence in North Carolina.

### Application Process

- **Undergraduate Students.** Students who are claiming North Carolina residency for tuition purposes are required to submit a residency application with the North Carolina Residency Determination Services (RDS) (<http://www.ncresidency.org>). Note: This excludes first-year and transfer applicants for fall 2017 admission. The RDS will provide a Residency Certification Number (RCN) that students may enter on their application for admission or on their ConnectCarolina (<https://connectcarolina.unc.edu>) Student Center To-Do List. For additional information, students may contact their admissions office or refer to the residency FAQs (<https://ncresidency.cfnc.org/residencyInfo/studentFAQ>).
- **Graduate and Professional School Students.** Students who are claiming North Carolina residency for tuition purposes should follow the instructions in their application for admission. For additional information, they may contact their admissions office. The *Manual* contains an illustrative list. *Students should keep a copy of all application materials for their records.* Beginning in the fall of 2018 UNC graduate and professional schools will migrate to a centralized model. For updated information students can visit the Residency Web page (<http://catalog.unc.edu/policies-procedures/university-policies/%20https://registrar.unc.edu/academic-services/residency>).

## Appeals

**Undergraduate Students.** Students who believe their residency classification is incorrect may appeal the decision through the Residency Determination System (RDS) (<http://www.ncresidency.org>). The RDS appeal process is for students whose circumstances have not changed, but who believe their residency classification is incorrect. Students have the ability to provide additional information and documentation relating to their appeal request. Some students will also have the ability for a face-to-face appeal hearing with RDS. If you do not have a RDS Residency Certification Number (RCN), contact your admissions office.

You have 10 calendar days from the date of the determination you are appealing, or a status change due to a failed validation, to submit a notification of appeal through the RDS online system.

For additional information, refer to the residency FAQs (<https://ncresidency.cfnc.org/residencyInfo/studentFAQ>).

**Graduate and Professional School Students.** Students who are classified as nonresidents may appeal the decision to the University's Residence Appeals Board (the "Board"). The Board consists of members of the University community, appointed by the Chancellor, who are familiar with and who receive extensive training about the residency classification process.

Requests for appeals must be submitted to the admissions office where the classification decision was made within ten (10) business days of the student's receipt of the classification letter. The appeal must be in writing and signed by the student. Students may also send their request to their admissions office from their University e-mail account.

## Policies and Guidelines for a Cooperative Learning Environment

Teaching and learning occur simultaneously through a partnership between instructor and student. Instructors share knowledge, experience, and ideas with their students. Students process these thoughts, generate new ones, and share them with their teachers and classmates. In most cases, students and instructors communicate clearly and effectively. However, misunderstandings do occur. In an attempt to foster a positive academic environment, the Faculty Council, upon recommendation of the Educational Policy Committee, establishes the following policies and guidelines.

**The Faculty Council resolves:**

### Part I. Policies

Section 1.

The Faculty Council recognizes and affirms the following policies. This recognition is not to be interpreted as precluding modification of any policy by the appropriate authority.

- The Honor Code. The faculty should inform students of the provisions of the honor code and be aware of their own responsibilities specified in the honor code. Faculty responsibilities are stated in the *Instrument of Student Judicial Governance*.
- Student Grievance Policy and Procedures (<https://unc.policystat.com/policy/4469271/latest>). According to UNC–Chapel Hill Student Grievance Committee procedures, students may file a grievance against a UNC–Chapel Hill employee, including faculty, EHRA non-faculty, staff, and student employee (when acting in the role of employee) when there is a violation of one of the following:

- a. The UNC–Chapel Hill Policy on Prohibited Discrimination, Harassment and Related Misconduct, Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence and Stalking (<https://unc.policystat.com/policy/4514917/latest>);
- b. The Americans with Disabilities Act (<https://www.ada.gov>);
- c. Title IX (<http://eoc.unc.edu/our-policies/state-and-federal-laws/title-ix-and-vawa>), which prohibits exclusion from participation on the basis of sex;
- d. Section 504 of the Rehabilitation Act of 1973 (<https://accessibility.unc.edu/policies>), which outlaws discrimination on the basis of a handicap; or
- e. The Family Educational Rights and Privacy Act, which allows students to challenge the content of their educational records.

Copies of these policies can be obtained from the Office of the Dean of Students (<https://odos.unc.edu>). They contain information about how to file a grievance. A grievance based on incidents that occurred more than six months before the complaint was filed will not be considered.

- Student Access to Academic Records—Protection against Improper Disclosure. As stated in The Family Educational Rights and Privacy Act of 1974, students may have access to their full academic records. Individuals who are, or have been, in attendance at UNC–Chapel Hill may inspect and review their education records. Otherwise, education records are subject to confidentiality requirements as specified by law and may not be disclosed improperly. Requests for recommendations imply that the student has given consent to the disclosure of information related to ability and performance. Judgments of ability and character may be provided under appropriate circumstances, normally with the knowledge or consent of the student. "Education records" are those records directly related to a student that are maintained by an educational institution. Particular University policy provisions are found in the *University of North Carolina at Chapel Hill's Policies and Procedures under the Family Educational Rights and Privacy Act of 1974*.
- Appealing a Grade. The University has systems for appealing a grade. The exact procedures vary among the academic units. Students should consult with their dean or department chairperson to obtain information about grade appeal procedures. See the section on "Grade Appeals" (p. 1052) in this catalog.

### Part II. Guidelines

Section 2.

The Faculty Council endorses the following guidelines for the faculty-student relationship. This endorsement shall not be construed as faculty legislation, is not intended to establish a contractual undertaking by the University or any individual, and shall not constitute the basis for civil action in a court or a claim in any administrative or judicial body of the University of North Carolina at Chapel Hill.

- *Clear Definition of Potential Honor Code Violations.* In an attempt to avoid unintended misunderstanding, instructors should clearly state what is acceptable in their classes. When study aids such as computers are allowed, the instructor is responsible for explaining what constitutes proper use of these items. These rules should be established at the beginning of the course and should not be changed without giving students proper notice.
- *Assignment of Graded Work during the Last Week of the Semester.* Instructors may not assign graded work during the last week of



classes unless the course syllabus clearly states that such an assignment will be given.

- *Suggested Classroom Procedures.* In general, instructors are strongly encouraged to follow the guidelines for course design and classroom procedures recommended by the Center for Faculty Excellence. When students enter into a learning relationship, they have certain needs and expectations. They are entitled to information about course procedures, attendance policy, content, and goals. Instructors should provide a syllabus that describes the course and methods of evaluation. Particular attention should be paid to several areas of special concern to students, including provision of reserve readings and grading policy. Evaluated assignments should be returned to the students within a reasonable amount of time. Since part of the purpose of such assignments is to provide feedback, students should be given time to assess and to learn from their mistakes. Ideally, such assessment would take place while the relevant topics are still fresh in their minds. Extra credit, if offered, should be announced publicly and made available to the entire class.
- *Students Should Have Freedom of Expression.* Students should be free to take reasoned exception to the data or views offered in any course of study. They are responsible, however, for learning the content of any course of study in which they are enrolled. Incorrect facts and poorly supported arguments or opinions inevitably have an impact on grades. Nothing herein shall be construed to limit the freedom of the faculty to assign grades according to appropriate academic standards.
- *Responsibilities of Students and Teachers.* Just as students ought to expect instructors who are knowledgeable and well-prepared, so should teachers expect their students to be motivated, eager to learn, and actively engaged in class. It is the responsibility of teachers to make their courses serious intellectual experiences for themselves and for their students. It is the responsibility of students to take seriously the courses in which they enroll. Good teachers need good learners.

Students should understand that they are members of a community of scholars, and membership in such a community is not a passive activity. To be full participants in the educational community and to maximize the educational value of a class, preparation before class is necessary. Proper class preparation involves obtaining course materials as they are needed and completing assignments as they are due. Full participation in a class requires regular attendance, arriving on time and remaining until class conclusion, and active involvement in the work of the class. Students should also consider the extent of their own involvement in a class in assessing the educational value of the class.

## Policies on Prohibited Harassment and Nondiscrimination

For the Policy on Prohibited Discrimination, Harassment and Related Misconduct (<https://unc.policystat.com/policy/4514917/latest>), Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence and Stalking, and the Policy Statement on Nondiscrimination, (<https://unc.policystat.com/policy/4467906/latest>) please see the Web sites.

## Policy on Illegal Drugs

### Introduction

The Board of Trustees of the University of North Carolina at Chapel Hill, in conformity with the direction of the Board of Governors of The University of North Carolina, hereby adopts this Policy on Illegal Drugs ([https://](https://policies.unc.edu/policies/illegal-drugs)

[policies.unc.edu/policies/illegal-drugs](https://policies.unc.edu/policies/illegal-drugs)), effective August 24, 1988. It is applicable to all students, faculty members, administrators, and other employees.

### Education, Counseling, and Rehabilitation

1. The University of North Carolina at Chapel Hill has established and maintains a program of education designed to help all members of the University community avoid involvement with illegal drugs. This educational program emphasizes these subjects:
  - The incompatibility of the use or sale of illegal drugs with the goals of the University;
  - The legal consequences of involvement with illegal drugs;
  - The medical implications of the use of illegal drugs; and
  - The ways in which illegal drugs jeopardize an individual's present accomplishments and future opportunities.
2. The University of North Carolina at Chapel Hill provides information about drug counseling and rehabilitation services available to members of the University community through campus-based programs and through community-based organizations. Persons who voluntarily avail themselves of University services are hereby assured that applicable professional standards of confidentiality will be observed.

### Enforcement and Penalties

1. The University of North Carolina at Chapel Hill shall take all actions necessary, consistent with state and federal law and applicable University policy, to eliminate illegal drugs from the University community. The University's Policy on Illegal Drugs is publicized in catalogs and other materials prepared for all enrolled and prospective students and in materials distributed to faculty members, administrators, and other employees.
2. Students, faculty members, administrators, and other employees are responsible, as citizens, for knowing about and complying with the provisions of North Carolina law that make it a crime to possess, sell, deliver, or manufacture those drugs designated collectively as controlled substances in Article 5 of Chapter 90 of the North Carolina General Statutes. Any member of the University community who violates that law is subject both to prosecution and punishment by the civil authorities and to disciplinary proceedings by the University. It is not "double jeopardy" for both the civil authorities and the University to proceed against and punish a person for the same specified conduct. The University will initiate its own disciplinary proceeding against a student, faculty member, administrator, or other employee when the alleged conduct is deemed to affect the interests of the University.
3. Penalties will be imposed by the University in accordance with procedural safeguards applicable to disciplinary actions against students, faculty members, administrators, and other employees, as required by Section 3 of the *Trustee Policies and Regulations Governing Academic Tenure in The University of North Carolina at Chapel Hill*; by Section III. D. of the *Employment Policies for EHRA Non-Faculty Employees of The University of North Carolina at Chapel Hill*; by regulations of the State Personnel Commission, and the *Disciplinary Procedure of the Staff Personnel Administration Guides (Human Resources Manual for SHRA Employees)*; by the *Instrument of Student Judicial Governance*; and by all other applicable provisions of the policies and procedures of The University of North Carolina at Chapel Hill.
4. The penalties to be imposed by the University may range from written warnings with probationary status to expulsions from enrollment

and discharges from employment. However, the following minimum penalties shall be imposed for the particular offenses described.

### Trafficking in Illegal Drugs

1. For the illegal manufacture, sale, or delivery, or possession with intent to manufacture, sell, or deliver, of any controlled substance identified in Schedule I, North Carolina General Statutes 90–89, or Schedule II, North Carolina General Statutes 90–90 (including, but not limited to, heroin, mescaline, lysergic acid diethylamide, opium, cocaine, amphetamine, methaqualine), any student shall be expelled and any faculty member, administrator, or other employee shall be discharged.
2. For a first offense involving the illegal manufacture, sale, or delivery, or possession with intent to manufacture, sell, or deliver, of any controlled substance identified in Schedules III through VI, North Carolina General Statutes 90–91 through 90–94, (including, but not limited to, marijuana, anabolic steroids, pentobarbital, codeine), the minimum penalty shall be suspension from enrollment or from employment for a period of at least one semester or its equivalent. (Employees subject to the State Human Resources Act are governed by regulations of the State Human Resources Commission. Because the minimum penalty specified in this section and required by the Board of Governors exceeds the maximum period of suspension without pay that is permitted by State Human Resources Commission regulations, the penalty for a first offense for employees subject to the State Personnel Act is discharge.) For a second offense, any student shall be expelled and any faculty member, administrator, or other employee shall be discharged.

### Illegal Possession of Drugs

1. For a first offense involving the illegal possession of any controlled substance identified in Schedule I, North Carolina General Statutes 90–89, or Schedule II, North Carolina General Statutes 90–90, the minimum penalty shall be suspension from enrollment or from employment for a period of at least one semester or its equivalent. (Employees subject to the State Human Resources Act are governed by regulations of the State Human Resources Commission. Because the minimum penalty specified in this section and required by the Board of Governors exceeds the maximum period of suspension without pay that is permitted by State Human Resources Commission regulations, the penalty for a first offense for employees subject to the State Human Resources Act is discharge.)
2. For a first offense involving the illegal possession of any controlled substance identified in Schedules III through VI, North Carolina General Statutes 90–91 through 90–94, the minimum penalty shall be probation, for a period to be determined on a case-by-case basis. A person on probation must agree to participate in a drug education and counseling program, consent to regular drug testing, and accept such other conditions and restrictions, including a program of community service, as the Chancellor or the Chancellor's designee deems appropriate. Refusal or failure to abide by the terms of probation shall result in suspension from enrollment or from employment for any unexpired balance of the prescribed period of probation. (If this balance for an employee subject to the State Human Resources Act exceeds one week, that employee shall be discharged.)
3. For second or other subsequent offenses involving the illegal possession of controlled substances, progressively more severe penalties shall be imposed, including expulsion of students and discharge of faculty members, administrators, or other employees.

### Suspension Pending Final Disposition

When a student, faculty member, administrator, or other employee has been charged by the University with a violation of policies concerning illegal drugs, that person may be suspended from enrollment or employment before initiation or completion of regular disciplinary proceedings if, assuming the truth of the charges, the Chancellor, or in the Chancellor's absence, the Chancellor's designee, concludes that the person's continued presence within the University Community would constitute a clear and immediate danger to the health or welfare of other members of the University community; provided, that if such a suspension is imposed, an appropriate hearing of the charges against the suspended person shall be held as promptly as possible thereafter.

### Implementation and Reporting

Annually, the Chancellor shall submit to the Board of Trustees a report on campus activities related to illegal drugs for the preceding year. The report shall include, as a minimum, the following information:

1. A listing of the major educational activities conducted during the year
2. A report on any illegal drug-related incidents, including any sanctions imposed
3. An assessment by the Chancellor of the effectiveness of the campus program
4. Any proposed changes in the Policy on Illegal Drugs

A copy of the report shall be provided to the President, who shall confer with the Chancellor about the effectiveness of campus programs.

### Policy Statement on Gender Inclusive Language

The University of North Carolina at Chapel Hill is committed to providing an inclusive and welcoming environment for all members of our community. (See the policy here (<https://unc.policystat.com/policy/4745272/latest>.) Consistent with that commitment, gender inclusive terms (chair; first-year student; upper-level student, etc.) should be used on University documents, Web sites, and policies. A guidance handout (Gender-Sensitive Language (<https://writingcenter.unc.edu/tips-and-tools/gender-inclusive-language>)) may be found on the UNC Writing Center Web site.

### Residence Status for Tuition Purposes

The information in this section comes from two sources:

1. North Carolina General Statutes, Sect. 116–143.1, and
2. *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of State Residence*, adopted by UNC in August 2010.

The following sections summarize important aspects of the residency law. A complete explanation of the statute and the procedures under the statute is contained in *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of State Residence* (the *Manual*), available online.

Every applicant for admission is required to make a statement of his or her length of residence in North Carolina. A person who qualifies as a resident for tuition purposes under North Carolina law pays a lower rate of tuition than a nonresident. To qualify for in-state tuition, a legal resident must have been domiciled in North Carolina for at least 12 months immediately prior to the beginning of the term for which classification as a resident for tuition purposes is sought. The student must also establish that his or her presence in the state during such 12-month period was for purposes of maintaining a bona fide domicile

rather than for purposes of maintaining a mere temporary residence incident to enrollment in an institution of higher education. "Domicile" means one's permanent home of indefinite duration, as distinguished from a temporary place of abode. Domicile is synonymous with legal residence and is established by being physically present in a place with the concurrent intent to make that place a domicile. To determine intent, the University evaluates an individual's objectively verifiable conduct as an indicator of his or her state of mind.

## Procedural Information

### General

A student admitted to initial enrollment in an institution (or permitted to reenroll following an absence that involved a formal withdrawal from enrollment) is classified by North Carolina Residency Determination Services (RDS) either as a resident or as a nonresident for tuition purposes prior to actual matriculation. In the absence of a current and final determination of the student's residence prior to matriculation, the student is classified as a nonresident for tuition purposes. The institution will thereafter reach a final determination of the student's residence status. Unless a person supplies enough information to allow RDS to classify him or her as a resident for tuition purposes, the person will be classified a nonresident for tuition purposes. A residence classification once assigned (and confirmed pursuant to any appellate process invoked) may be changed thereafter (with a corresponding change in billing rates) only at the beginning of a term.

### Transfer Students

When a student transfers from one North Carolina public institution of higher education to another, he or she is required to be treated as a new student by the institution to which he or she is transferring and must be assigned an initial residence classification for tuition purposes.

### Responsibility of Students

Any student who is uncertain about the accuracy of his or her current residence classification for tuition purposes is responsible for securing a ruling by completing an application for resident status by applicable deadlines and filing it with the admissions officer. The student who subsequently becomes eligible for a change in classification, whether from out-of-state to in-state or the reverse, is responsible for immediately informing the Office of Admissions in writing of his or her new status. Failure to give complete and correct information regarding residence constitutes grounds for disciplinary action. The institution will not assume responsibility for initiating such an inquiry independently.

### Application Process

**Undergraduate Students.** Students who are claiming North Carolina residency for tuition purposes are required to submit a residency application with the North Carolina Residency Determination Services (RDS) (<http://www.ncresidency.org>). Note: This excludes first-year and transfer applicants for fall 2018 admission. The RDS will provide a Residency Certification Number (RCN) that students may enter on their application for admission or on their ConnectCarolina (<https://connectcarolina.unc.edu>) Student Center To-Do List. For additional information, students may contact their admissions office or refer to the residency FAQs (<https://ncresidency.cfnc.org/residencyInfo/studentFAQ>).

**Graduate and Professional School Students.** Students who are claiming North Carolina residency for tuition purposes should follow the instructions in their application for admission. For additional information, they may contact their admissions office. The *Manual* contains an illustrative list. *Students should keep a copy of all application materials for their records.* Beginning in the fall of 2018, UNC graduate and professional

schools will migrate to a centralized model. For updated information students can visit the Residency Web page (<https://registrar.unc.edu/academic-services/residency>).

### When to File an Application

All applications for resident status must be filed with the proper office of admissions during the filing period posted at Office of the University Registrar's Web site. The University follows the application guidelines of the State Residence Committee. The deadline to submit an application along with all supporting documentation cannot be later than the 10th business day of the term for which the applicant is seeking residency for tuition. Deadlines (<http://registrar.unc.edu/academic-services/residency/important-dates>) are posted on the Office of the University Registrar's Web site. Applications not filed by the posted deadlines are not processed and will be returned to the student applicant. Appeals that do not comply with institutional procedures and deadlines are subject to dismissal.

The burden of proof remains the responsibility of the applicant. A preponderance of evidence that the applicant is a bona fide domiciliary for tuition purposes may be established by providing tangible evidence to support relevant conduct of legal residence and its duration. This evidence is required at the time of application. The RDS and the institution will not assume responsibility for initiating such an inquiry independently.

Evidence of North Carolina domicile for tuition purposes includes actions that would normally be characteristics and expected of any permanent resident. A variety of evidence is considered when evaluating requests for in-state tuition status; however, no single factor or combination of factors may be considered conclusive evidence of domicile. Please consult the *Manual* for illustrative lists of the kinds of information and conduct that may be considered as evidence in determining domicile, including financial dependency and independence.

When a student receives a request for additional documentation as evidence, he or she must supply the requested information no later than 10 business days after receipt of the request. Failure to supply the requested information within the specified time limit will result in a continuation of the student's nonresident classification unless good cause is shown for such failure.

For more details about the residency application process and other important information about the resident status (<http://registrar.unc.edu/academic-services/residency>), visit the RDS Web site (<https://ncresidency.cfnc.org/residencyInfo/home>).

### Fraudulent Applications

If a student is classified a resident for tuition purposes after submitting falsified residency information or after knowingly withholding residency information, the student's application for in-state tuition status is fraudulent. The institution may reexamine any application suspected of being fraudulent and, if warranted, will change the student's residence status retroactively to the beginning of the term for which the student originally made the fraudulent application. If this occurs, the student must pay the out-of-state tuition differential for all the enrolled terms intervening between the fraudulent application and its discovery. Further, knowing falsification of responses on a resident status application may subject the applicant to disciplinary action, including dismissal from the institution.

### Burden of Proof and Statutory Prima Facie Evidence

A person has the burden of establishing facts that justify his or her classification as a resident for tuition purposes. The balancing of all the

evidence must produce a preponderance of evidence supporting the assertion of in-state residence. Under the statute, proof of resident status is controlled initially by one of two evidentiary beginning points which are stated in terms of prima facie evidence.

1. Even if the person is an adult, if his or her parents (or court-appointed guardian in the case of some minors) are not legal residents of North Carolina, this is prima facie evidence that the person is not a legal resident of North Carolina unless he or she has lived in this state the five consecutive years prior to enrolling or reregistering. To overcome this prima facie showing of nonresident, a person must produce evidence that he or she is a North Carolina domiciliary despite the parents' nonresident status.
2. Conversely, if the person's parents are domiciliaries of North Carolina under the statute, this fact constitutes prima facie evidence that the person is a domiciliary of North Carolina. This prima facie showing may also be overcome by other evidence to the contrary. If a person has neither living parents nor legal guardian, the prescribed prima facie evidence rule cannot and does not apply.

### **Erroneous Notices Concerning Classification**

If a student who has been found to be a nonresident for tuition purposes receives an erroneous written notice from an institutional officer identifying the student as a resident for tuition purposes, the student is not responsible for paying the out-of-state tuition differential for any enrolled term beginning before the classifying institution notifies the student that the prior notice was erroneous.

### **Grace Period**

If a student has been properly classified as a North Carolina resident for tuition purposes and, thereafter, his or her state of legal residence changes while he or she is enrolled in a North Carolina public institution of higher education, the statute provides for a grace period during which the student is allowed to pay tuition at the in-state rate despite the fact that the student is no longer a North Carolina legal resident. This grace period extends for a minimum of 12 months from the date of change in legal residence, and if the 12-month period ends during a semester or academic term in which the student is enrolled, the grace period extends also to the end of that semester or academic term.

### **Reacquisition of Resident Tuition Status**

The prescribed 12-month period of legal residence may be shortened if the person seeking to be classified as a resident for tuition purposes was formerly classified a North Carolina resident for tuition purposes, abandoned North Carolina domicile, and reestablished North Carolina domicile within 12 months after abandoning it. Interested persons should consult their admissions offices for a detailed explanation of the conditions which must be met to qualify under this section.

### **Appeals**

**Undergraduate Students.** Students who believe their residency classification is incorrect may appeal the decision through the Residency Determination System (RDS) at [www.ncresidency.org](http://www.ncresidency.org) (<http://www.ncresidency.org>). The RDS Appeal process is for students whose circumstances have not changed, but who believe their residency classification is incorrect. Students have the ability to provide additional information and documentation relating to their appeal request. Some students will also have the ability for a face-to-face appeal hearing with RDS. If you do not have a RDS Residency Certification Number (RCN), contact your admissions office.

You have ten calendar days from the date of the determination you are appealing, or a status change due to a failed validation, to submit a Notification of Appeal through the RDS online system.

For additional information, refer to the residency FAQs (<https://ncresidency.cfn.org/residencyInfo/studentFAQ>).

**Graduate and Professional School Students.** Students who are classified as nonresidents may appeal the decision to the University's Residence Appeals Board (the "Board"). The Board consists of members of the University community, appointed by the Chancellor, who are familiar with and who receive extensive training about the residency classification process.

Requests for appeals must be submitted to the admissions office where the classification decision was made within ten (10) business days of the student's receipt of the classification letter. The appeal must be in writing and signed by the student. Students may also send their request to their admissions office from their University email account.

### **Tuition Payment**

It is the responsibility of the student to pay tuition at the rate charged and billed while an appeal is pending. In effect, the student who is classified a nonresident at the time of tuition billing pays the nonresident rate. Conversely, if a student is classified as a resident at the time of billing, he or she pays the resident rate. Any necessary adjustments in the rate paid will be made at the conclusion of the appeal.

### **Application of the Law to Specific Situations**

#### **Aliens**

Aliens who are permanent residents of the United States, or who hold a visa that will permit eventual permanent residence in the United States, are subject to the same considerations with respect to determination of legal residence as citizens. An alien abiding in the United States under a visa conditioned at least in part upon intent not to abandon a foreign domicile cannot be classified a resident. An alien abiding in the United States under a visa issued for a purpose that is so restricted as to be fundamentally incompatible with an assertion by the alien of bona fide intent to establish a legal residence cannot be classified a resident.

Possession of certain other immigration documents may also allow an alien to be considered for in-state tuition status. For more details, aliens should consult their admissions offices and the *Manual*. Aliens must file a Residence Status Supplemental Form in addition to the forms normally required of applicants for resident status for tuition purposes. Aliens should also provide a copy of the front and back of the document(s) that they claim allow them to remain in the United States and establish a legal residence.

#### **Married Persons**

The North Carolina resident status for tuition purposes statute provides a special provision for legal residents who are married. This provision is called the "spouse-pair" provision.

The domicile of a married person, irrespective of sex, is determined by reference to all relevant evidence of domiciliary intent. No person is precluded, solely by reason of marriage to a person domiciled outside of North Carolina, from establishing or maintaining legal residence in North Carolina. No person is deemed, solely by reason of marriage to a person domiciled in North Carolina, to have established or maintained a legal residence in North Carolina. The fact of marriage and the place of the domicile of the student's spouse are deemed relevant evidence to be considered in ascertaining domiciliary intent.



If a person otherwise can demonstrate compliance with the fundamental statutory requirement that he or she be a legal resident of North Carolina before the beginning of the term for which resident status is sought, the second statutory requirement relating to duration of residence may be satisfied derivatively, in less than 12 months, by reference to the length of the legal residence of the person's spouse, if the spouse has been a legal resident of the state for the requisite 12-month period.

If a person believes that he or she qualifies for the marital status provision, special application procedures must be followed. A separate supplemental spousal residency application should be filed at the same time as the residency form is submitted. Residency applications of persons who are married and claiming the North Carolina "spouse-pair" provision are not to be submitted to the admissions office. They should be filed with the Office of the University Registrar. Applications (<http://registrar.unc.edu/academic-services/residency/application-forms>) for residency and the spouse-pair provision are available online.

### **Military Personnel**

The domicile of a person employed by the federal government, Department of Defense, is not necessarily affected by assignment in or reassignment out of North Carolina. Such a person may establish domicile by the usual requirements of residential act plus intent. No person loses his or her in-state resident status solely by serving in the armed forces outside of the state of North Carolina. See the section above entitled "Military Tuition Benefit" for other benefits provided to military personnel and their dependents.

### **Minors**

A minor is any person who has not reached the age of 18 years. Under the common law, a minor child whose parents are not divorced or legally separated is presumed to have the domicile of his or her father. This presumption may be rebutted if a preponderance of the evidence indicates that the mother and father have separate domiciles and that, under the circumstances, the child can fairly be said to derive his or her domicile from the mother. If the father is deceased, the domicile of the minor is that of the surviving mother. If the parents are divorced or legally separated, the domicile of the minor is that of the parent having custody by virtue of a court order; or, if no custody has been granted by virtue of court order, the domicile of the minor is that of the parent with whom he or she lives; or, if the minor lives with neither parent, in the absence of a custody award, the domicile of the minor is presumed to remain that of the father. If the minor lives for part of the year with each parent, in the absence of a custody award, the minor's domicile is presumed to remain that of the father. If the minor has lived in North Carolina for five years as set forth above in "Burden of Proof and Statutory Prima Facie Evidence," Subsection A, the common law presumptions do not absolutely control on the issue of the minor's domicile, but they continue to be very strong evidence thereof.

In determining residence status for tuition purposes, there are three exceptions to the above provisions:

- If a minor's parents are divorced, separated, or otherwise living apart and one parent is a legal resident of North Carolina, during the time period when that parent is entitled to claim, and does claim, the minor as a dependent on the North Carolina individual income tax return, the minor is deemed to be a legal resident of North Carolina for tuition purposes, notwithstanding any judicially determined custody award with respect to the minor.
- If immediately prior to his or her 18th birthday a person would have been deemed a North Carolina legal resident under this provision but he or she achieves majority before enrolling in a North Carolina

institution of higher education, that person will not lose the benefit of this provision if the following conditions are met:

- a. Upon achieving majority the person must act, as much as possible, in a manner consistent with bona fide legal residence in North Carolina; and
- b. The person must begin enrollment at a North Carolina institution of higher education not later than the fall academic term next following completion of education prerequisite to admission at the institution.
- c. If immediately prior to beginning an enrolled term the minor has lived in North Carolina for five or more consecutive years in the home of an adult relative (other than a parent) who is a legal resident of North Carolina, and if the adult relative during those years has functioned as a de facto guardian of the minor, then the minor is considered a legal resident of North Carolina for tuition purposes. If a minor qualified for resident status for tuition purposes under this provision immediately prior to his or her 18th birthday, then, upon becoming 18, he or she will be deemed a legal resident of North Carolina of at least 12 months' duration.

Even though a person is a minor, under certain circumstances the person may be treated by the law as being sufficiently independent from his or her parents as to enjoy a species of adulthood for legal purposes. If the minor marries or obtains a judicial decree of emancipation under North Carolina General Statutes Section 7A-717, et seq., he or she is emancipated. The consequence, for present purposes, of such emancipation is that the affected person is presumed to be capable of establishing a domicile independent of that of the parents; it remains for that person to demonstrate that a separate domicile has, in fact, been established.

### **Prisoners**

There are special provisions concerning domicile of prisoners. For more information, persons to whom these provisions may apply should consult the *Manual*.

### **Property and Taxes**

Ownership of property in or payment of taxes to the State of North Carolina apart from legal residence will not qualify one for the in-state tuition rate; home ownership alone does not necessarily qualify one for the tuition benefit.

Students or prospective students who believe that they are entitled to be classified residents for tuition purposes should be aware that the processing of requests and appeals can take a considerable amount of time. One should not apply until they have met the minimum requirements of having an established 12-month domicile along with physical presence.

**The University follows the application guidelines of the State Residence Committee.** Applications not received by the applicable deadlines are not accepted for consideration. The deadline to submit an application along with all supporting documentation cannot be later than the 10th business day of the term for which the applicant is seeking residency for tuition. Deadlines (<http://registrar.unc.edu/academic-services/residency/important-dates>) are posted on the Office of the University Registrar's Web site.

### **Benefit for UNC Employees and Related Persons**

Full-time, permanent employees of UNC who are legal residents of North Carolina may qualify for the in-state tuition rate even if they do not meet the 12-month requirement.



This provision includes spouses and dependent children of the employee. The employee must be full-time, permanent, and a legal resident of North Carolina. Further, if it is a child who seeks to qualify, the child must be a dependent (as defined by tax dependency laws). Finally, if the person qualifies for this benefit, there is no limit on the number or type of courses for which the classification will apply.

Please consult the *Manual* to learn more about the benefit. Application information may be obtained by visiting the Office of the University Registrar's Web site.

## Tuition Waiver for Family Members of Deceased or Disabled Emergency Workers

The information in this section comes from three sources:

1. North Carolina General Statutes, Section 115B-1 et seq.;
2. University of North Carolina Administrative Memorandum No. 377, dated November 17, 1997; and
3. University of North Carolina Administrative Memorandum No. 385, dated August 6, 1998.

Certain family members of emergency workers killed or permanently disabled in the line of duty may become eligible for tuition-free enrollment. The statute sets out the following requirements that must be met before the waiver can be obtained:

- The deceased or disabled emergency worker (firefighter, volunteer firefighter, law enforcement officer, or rescue squad member) must have been a North Carolina legal resident (domiciliary), in active service or training for active service at the time of death or disability occurring in the line of duty;
- The emergency worker's death or disability must have occurred on or after October 1, 1997;
- The emergency worker must have been employed by the State of North Carolina or any of its departments, agencies, or institutions, or a county, city, town, or other political subdivision of the State of North Carolina;
- The applicant for the tuition waiver must be either a child or a widow or widower (who has not remarried) of a deceased emergency worker killed in the line of duty, or a spouse or a child (between the ages of 17 and 23; but not yet 24) of an emergency worker who became permanently and totally disabled as a result of a traumatic injury sustained in the line of duty as an emergency worker;
- The applicant must qualify academically for admission to UNC–Chapel Hill, must meet all the requirements of the statute and implementing University regulations, and there must be space available in the course(s) for which he or she intends to register;
- The completed application, with all supporting documents, must be submitted to the proper admissions office no later than the first day of class of the term for which the waiver is sought. If the applicant is under 18 years of age, a parent must also sign; and
- The time period for pursuing a baccalaureate degree is up to 54 months.

The following documents are required as proof of eligibility for this tuition waiver:

### To prove permanent and total disability of an emergency worker:

- Documentation of the permanent and total disability from the North Carolina Industrial Commission

### To prove cause of death of an emergency worker:

- Certification of the cause of death from the Department of State Treasurer; or
- The appropriate city or county law enforcement agency that employed the deceased; or
- The administrative agency for the fire department or fire protection district funded under the Department of State Auditor; or
- The administrative agency having jurisdiction over any paid firefighters of all counties and cities

### To prove the parent/child relationship:

- Applicant's birth certificate or legal adoption papers

### To prove the marital relationship:

- Applicant's marriage certificate

The *Manual* is available online.

Appeals of eligibility determinations of admissions offices must be in writing and signed by the applicant and must be filed by the applicant with that admissions officer within 15 working days after the applicant receives notice of the eligibility determination. The appeal is submitted to the Residence Appeals Board by that officer. The applicant is notified of the date set for consideration of the appeal, and, on request by the applicant, is afforded an opportunity to appear and be heard by the Board.

Any applicant desiring to appeal a determination of the Residence Appeals Board must give written notice of that fact to the chair of the Residence Status Committee within 10 days of receipt of the committee's decision. The chair will promptly process the appeal for transmittal to the State Residence Committee.

## Out-of-State Disclosures for Distance Education Programs

### Disclosure for Indiana Residents Enrolled in UNC–Chapel Hill Distance Education Programs

The University of North Carolina at Chapel Hill is authorized by The Indiana Board for Proprietary Education, 101 W. Ohio St., Suite 670, Indianapolis, IN 46204.

### Disclosure for Louisiana Residents Enrolled in UNC–Chapel Hill Distance Education Programs

The University of North Carolina at Chapel Hill is currently licensed by the Board of Regents of the State of Louisiana. Licenses are renewed by the State Board of Regents every two years. Licensed institutions have met minimal operational standards set forth by the state, but licensure does not constitute accreditation, guarantee the transferability of credit, nor signify that programs are certifiable by any professional agency or organization.

### Disclosure for Minnesota Residents Enrolled in UNC–Chapel Hill Distance Education Programs

The University of North Carolina at Chapel Hill is registered as a private institution with the Minnesota Office of Higher Education pursuant to sections 136A.61 and 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

## Disclosure for Washington Residents Enrolled in UNC–Chapel Hill Distance Education Programs

The University of North Carolina at Chapel Hill is authorized by the Washington Student Achievement Council and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review and authorizes The University of North Carolina at Chapel Hill to advertise, recruit, and offer field placements for specific degree programs. The council may be contacted for a list of currently authorized programs. Authorization by the Council does not carry with it an endorsement by the Council of the institution or its programs. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the Council at P.O. Box 43430, Olympia, WA 98504-3430.

## Family Educational Rights and Privacy Act

As a general rule, under the federal Family Educational Rights and Privacy Act (“FERPA”), personally identifiable information may not be released from a student’s education records without the student’s prior written consent. Exceptions to this rule are set out in the FERPA regulations and the FERPA policy (<https://unc.policystat.com/policy/4852661/latest>) of The University of North Carolina at Chapel Hill. A few of the exceptions are listed below; the others may be found in the University’s FERPA policy and accompanying federal regulations. See also the Office of the University Registrar’s Web site (<http://registrar.unc.edu/academic-services/unclferpa>).

The University may disclose personally identifiable information from a student’s education records to officials of another institution (a) in which the student seeks or intends to enroll; (b) in which a currently enrolled UNC–Chapel Hill student is contemporaneously enrolled; and (c) in which a former UNC–Chapel Hill student is already enrolled; provided, however, the disclosures are for purposes related to the student’s enrollment or transfer. It is the policy of The University of North Carolina at Chapel Hill to forward education records upon request to officials of other institutions in these situations without notifying the student of such transfer of records.

The University may disclose, upon request, to the victim of an alleged crime of violence or a nonforcible sex offense, the final results of the campus disciplinary proceeding against the alleged perpetrator, regardless of whether the alleged perpetrator was found to have committed the violation charged. In such circumstance, the following information may be disclosed: the name of the alleged perpetrator; the rule or policy that was violated, if any; any essential findings supporting the conclusion that the violation was committed, if applicable; the disciplinary sanction imposed, if any; the date any sanction was imposed; and the duration of any sanction.

The University may release personally identifiable information from a student’s education records to school officials who have a legitimate educational interest in the information. The term “school official” includes, but is not limited to: (a) members of the Board of Trustees, administrators, faculty members, and staff members (including employees of the University Police) of UNC–Chapel Hill or of the System Office of The University of North Carolina System; (b) members of the North Carolina Attorney General’s Office; (c) students when functioning in an official University capacity (for example and without limitation, the Honor System); and (d) independent contractors to whom the University has outsourced institutional services or functions (for example, and without limitation, the National Student Clearinghouse, Sakai, entities

providing practical or clinical training for students, and other similar or dissimilar contractors). Disclosures may only be made to these individuals and entities if they have a “legitimate educational interest” in the information. They are deemed to have a “legitimate educational interest” in the information if it is necessary for them to obtain the information in order to carry out their assigned duties or their contractual obligations to the University.

The University makes public certain information that has been designated as “directory information” unless the student has notified the Office of the University Registrar to restrict the release of this information. The University considers the following to be “directory information”: the student’s name; address (local and grade/billing addresses); student email address; telephone listing (local and grade/billing telephone numbers); date and place of birth; county, state, and/or United States territory from which the student entered the University; major field of study; class (e.g., sophomore, senior, etc.); enrollment status (full-time, half-time or part-time, withdrawn); Person ID Number (PID); anticipated graduation date; participation in officially recognized activities and sports; weight and height (for members of athletic teams only); dates of attendance; degrees and awards received; and the most recent previous educational agency or institution attended by the student. The University also maintains an online directory that includes faculty, staff and students. Some professional and graduate student groups publish directories of students in their departments or schools.

Students who do not want any of their directory information to be made public must come in person to the Office of the University Registrar (Suite 3100, SASB North) and fill out a Requesting FERPA Privacy Flag on Student’s Record, Non-Disclosure of Information form. Students completing this form will receive information about the consequences of placing a FERPA privacy flag on their records. Students who are not within commuting distance of the campus may contact the Office of the University Registrar for further instructions. Students may also email FERPA (<http://ferpa@unc.edu>).

Students who choose this option will not be able to receive any information about their education records by telephone. Instead, they must come in person and show a photo ID, or send a written request acknowledging that they have placed a restriction on their record but require specific information.

Once set, a FERPA privacy flag will remain on a student’s record until the student removes it. To remove a FERPA privacy flag, the student must come in person to the registration area of the Office of the University Registrar (Suite 3100, SASB North) and fill out a FERPA Release Authorization: To Remove Previously Set Restrictions on Release of Information form. Students who are not within commuting distance of the campus may contact the Office of the University Registrar for further instructions.

Students who wish to block certain information from the directory but do not wish to place a FERPA privacy flag on their records may do this through their ConnectCarolina Student Center (<https://connectcarolina.unc.edu>) by selecting the Update Personal Information link, located on the left in the Self Service menu. Checking the “Public” box next to an address or phone number causes that item to be included in the directory. Removing the checkmark from the “Public” box causes the item not to be included in the directory. Students who have questions about restricting information from the directory may contact the Office of the University Registrar.

In order to assure that new students have a meaningful opportunity to request that their directory information not be made public, it is the policy of the University that it will not release directory information on entering students until after the last day for late registration for the fall semester.

FERPA also gives students the right to inspect their own education records and to request amendment of those records if they are inaccurate, misleading, or otherwise in violation of the student's privacy rights. To inspect their own education records, students must file a written request with the office or individual who has custody of the records that the student wishes to inspect. To request an amendment of FERPA records, a student may discuss the matter informally with the records custodian and request that the record be amended, and if the custodian does not agree to amend the records, the custodian will inform the student of applicable hearing rights. Complaints alleging violations by the University of the provisions of FERPA may be submitted in writing to the Family Policy Compliance Office, United States Department of Education.

# TRANSCRIPTS

## Transcripts of Record

A statement of official academic record includes all significant recorded information concerning the student's admission, classification, and scholarship. No partial or incomplete scholastic record will be given.

The student's transcript notes his or her academic eligibility status. A statement of honorable dismissal will not be granted to students whose conduct and character would not entitle them to remain enrolled at the University or whose transcripts contain a notation of any probation, suspension, or other temporary restriction imposed for unsatisfactory conduct and still in force when the statement is made.

The University does not release an official transcript unless tuition, fees, and other obligations due the University have been paid. Students may order a transcript electronically through the link in their ConnectCarolina Student Center. This process provides an electronic authorization that allows the Office of the University Registrar to release the transcript at the student's request. Students may inspect their academic records at the Office of the University Registrar, Student and Academic Services Building North. For more information on how to request a transcript, please visit the Office of the University Registrar's Web site (<http://registrar.unc.edu/academic-services/transcripts-certifications/order-a-transcript>).

## Policy on Awarding of Undergraduate Degrees and Transcript Notations

The University of North Carolina at Chapel Hill will award only one bachelor's degree to a student, regardless of a possible second-major declaration, and will not admit or award a degree to a student who has already earned a bachelor's degree through another school of the University or at another college. Undergraduates in the professional schools in the Divisions of Academic Affairs and Health Affairs may earn a second major (not a second degree) in the College of Arts and Sciences or another professional school, but the first major must be in the professional school. Exception: a student may earn a second bachelor's degree in one of several health profession schools of the University after receiving a bachelor's degree if the student is admitted to the professional school.

Students pursuing two major fields of study for the bachelor of arts or bachelor of science degree earn only one degree and receive only one diploma. Both the diploma and the official transcript will indicate the degree and the two majors.

Students completing the requirements for both a bachelor of science degree and a bachelor of arts degree earn only the bachelor of science degree and receive only that diploma. Students completing the requirements for both a bachelor of arts degree and a bachelor of fine arts or bachelor of music degree earn only the bachelor of fine arts or bachelor of music degree and receive only that diploma. Note that these students must complete General Education requirements pertinent to the bachelor of arts as well as all requirements for the bachelor of fine arts or bachelor of music degree. Both the diploma and the official transcript will indicate the degree (with its major) and the second major.

## Related Policies

Under no circumstances can a second undergraduate degree be awarded in Academic Affairs after one has been earned in Health Affairs. In the

rare instance that an undergraduate student completes the requirements for an undergraduate degree and a graduate degree at the same time, the two degrees cannot be awarded at the same graduation. The undergraduate degree must be awarded first, and the graduate degree awarded at a subsequent degree award date.

Students who apply to graduate on a given degree award date, but who must complete requirements (such as courses with grades of IN or AB) after that degree award date, must reapply to graduate on a degree award date that follows the actual completion of requirements. Coursework taken after the degree award date cannot be used to change a degree already awarded, or to complete retroactively a degree, or to add retroactively an additional major or minor.

Adjustments may be made to a transcript only for one year following the date of graduation. Grade appeals, for instance, can be initiated after graduation. Courses with temporary grades not affecting graduation (AB or IN) can be completed after the date of graduation and the grade point average changed accordingly; however, the student's status at the time of graduation is not affected. Graduation with distinction or highest distinction is based only on the grade point average at the time that the degree is officially conferred and posted on the academic transcript, and may not be awarded retroactively. Students who neglect to declare a second major or a minor at the time of graduation may request that the dean's office verify that the requirements had been satisfied at the time of graduation. In such cases, indication of the second major or minor can be added to the transcript within one year after the graduation date.

## Loan Deferments and Certification/ Verification of Enrollment Status

The Office of the University Registrar provides confirmation of student enrollment data to financial institutions, organizations, or agencies requiring proof of registration. Students can order an enrollment certification online through their ConnectCarolina Student Center. Additional information about ordering a certification (<http://registrar.unc.edu/academic-services/transcripts-certifications/enrollment-certification>) is available online or by calling (919) 962-3954.

# TUITION AND FINANCIAL AID

## Student Finances

### Billing Policies

Charges for tuition and fees, on-campus housing, and meals are assessed on a semester basis. Billing statements will only be available online through the ConnectCarolina Student Center. Students are responsible for accessing their statements online and insuring they are paid on time.

Any past due charges will result in a hold on registration and transcripts. Students must pay past due balances from prior terms before they will be allowed to register for future semesters. Students registering after the first tuition bill of the semester must either prepay tuition and fees or provide documented eligibility of financial aid to the Office of the University Cashier.

Students who are receiving financial aid are eligible to request a student aid deferment to extend their payment due date until after the initial financial aid disbursement of the semester. Deferments (<https://cashier.unc.edu/forms>) can only be requested in ConnectCarolina by the student before the due date on the first bill of each semester.

It is extremely important for students to refer to the Office of the University Cashier Web site (<http://cashier.unc.edu>) prior to each term for announcements and up-to-date information, and to follow instructions concerning payment/deferment due dates to avoid registration cancellation.

### Tuition and Fees

Tuition and fees (<http://cashier.unc.edu/tuition-fees>) for each academic year, including detailed information about the mandatory student fees, (<http://cashier.unc.edu/tuition-fees/student-fees>) are published on the Office of the University Cashier Web site. Additional fees such as incoming student, special laboratory, pay bills, and other designated program and course fees also may be charged.

A late registration fee of \$20 is charged for registration on or after the first day of class for a term.

### Authorized Users

Federal law (FERPA (<http://registrar.unc.edu/academic-services/uncferpa/#details-0-0>)) restricts access to student information. Students can designate up to five people as authorized users (<http://cashier.unc.edu/student-account-policies/authorized-users>) to access their student account information, pay bills, and discuss the account with the Office of the University Cashier. Students and authorized users will receive a courtesy email notification each month when billing statements are available.

### Payment Options

Payments can be made in person at the Office of the University Cashier, through the mail, or by check or credit card online. For up-to-date information on payment options, please visit the payments section (<http://cashier.unc.edu/payment-options>) of our Web site. Our returned check fee is \$25.

Each student is responsible for payment of his or her University charges. If a third party sponsor will be paying the charges, the Office of the University Cashier must receive a written authorization from the third

party well in advance so that a separate invoice can be sent to the proper agency or organization in order to ensure timely payment.

### Financial Aid Refunds

The Office of the University Cashier encourages students who are receiving financial aid in excess of tuition, fees, housing, and meal plan costs to sign up for direct deposit (<http://cashier.unc.edu/student-account-policies/refunds>) as soon as possible. Excess funds from the account will be deposited to either a checking or savings account at the student's bank. Students should also promptly update their direct deposit information if there are any changes to their banking information.

Please note that it can take up to seven working days to generate a paper check for those students who are receiving a financial aid refund and have not signed up for direct deposit.

### Drop/Withdrawal Policies for Tuition and Fees

The last day to reduce a course load for credit on a student's financial account is the tenth day of the semester, commonly referred to as the "census date." Dropping the only course a student is registered for requires an official withdrawal.

In case of withdrawal from the University, tuition and fees will be prorated according to the withdrawal refund calendar posted on the Important Dates (<http://cashier.unc.edu/tuition-fees/important-dates>) section of our Web site for that semester. The last date for credit on a student's financial account for withdrawal is nine weeks after the first day of classes for the fall and spring semesters. If a student drops the only course he or she is taking, this constitutes a withdrawal from the University.

### Fifty Percent Tuition Surcharge

Effective Fall 2010, undergraduate students seeking a baccalaureate degree at UNC-Chapel Hill are subject to a 50 percent tuition surcharge as required by the North Carolina General Statute Section 9.10.(b) §116-143.7. Session Law 2009-451. Further information about the Tuition Surcharge Policy can be found on the Web site for the Office of the University Registrar (<https://registrar.unc.edu/academic-services/policies-procedures/student-rights/tuition-surcharge>).

### Tuition Guarantee Program

Under a North Carolina state law effective Fall 2016, students classified as North Carolina residents for tuition purposes in undergraduate degree programs at UNC system schools are eligible for fixed (or guaranteed) tuition for up to eight consecutive semesters (or ten semesters, if enrolled in an approved five-year program). Further information about the Tuition Guarantee Program can be found on the Web site for the Office of the University Registrar (<http://registrar.unc.edu/academic-services/policies-procedures/student-rights/guaranteed-tuition>).

## Scholarships and Financial Aid For Undergraduates

The University works to keep Carolina is affordable for all students. Scholarships, grants, loans, and work-study funds are offered to help eligible students who cannot afford the full cost of attendance.

Detailed information on scholarships and student aid can be found at the Office of Scholarships and Student Aid (<http://studentaid.unc.edu>). Students and parents are also welcome to email [aidinfo@unc.edu](mailto:aidinfo@unc.edu). We are here to help!



## Applying for Financial Aid

The deadline for financial aid applications is **March 1**. Late applications are accepted, but earlier is better.

To apply for financial aid:

1. Complete the Free Application for Federal Student Aid (FAFSA) (<http://fafsa.ed.gov>)  
UNC school code 002974
2. Complete the CSS Profile (<http://student.collegeboard.org/profile>) (new students only, for University grants and scholarships)  
UNC school code 5816
3. Monitor UNC email and regularly check ConnectCarolina (<http://connectcarolina.unc.edu>) for updates.

If we need more information, we will notify you by email. The sooner you complete the application process, the more likely funding is available.

Aid is an annual process, so returning students should complete the FAFSA each year. The application is available by October 1 of the prior year.

### Priority Deadline

Complete the FAFSA (<http://fafsa.ed.gov>) and CSS PROFILE (<http://student.collegeboard.org/profile>) by **March 1** each year. Late forms are accepted, but some sources of aid may be limited for later applicants.

Students should apply as early as possible, even before admission to Carolina in the case of new students. Reapply by March 1 each year.

### Award Decisions

Financial aid offers generally begin in February, after admissions decisions are released. Students who apply after March 1 are notified as soon as we are able.

### Types of Need-Based Financial Aid

Scholarships, grants, and work-study do not have to be repaid; loans require repayment. Aid awards will include as much scholarship and grant aid as possible, with remaining need met through loans, a work-study job, or both. Graduate and professional students will receive loans and/or work to meet any eligibility remaining after awards from schools or departments.

Students always have the opportunity to reduce or decline loans before accepting an aid offer, so budget carefully before borrowing. See our budgeting and borrowing guide (<https://studentaid.unc.edu/types-of-aid/loans/budgeting>) for details.

### Eligibility for Need-Based Financial Aid

To be eligible for financial aid, a student must be enrolled and making satisfactory academic progress in a degree or eligible certificate program. Information about the Satisfactory Academic Progress Policy can be found at [studentaid.unc.edu/sap](http://studentaid.unc.edu/sap). Once all requirements of a degree are met, students may no longer receive financial aid.

Aid is restricted if a student is in default on a loan previously received for college expenses or owes a refund on a grant or loan from an earlier enrollment period. Both resident and nonresident students are eligible for financial aid, though different University policies may apply.

### The Carolina Covenant

Covenant Scholars have the opportunity to graduate debt-free through a combination of scholarships, grants, and work-study. Covenant Scholars

also have access to faculty and staff mentors, enrichment activities, and other personal support services.

The Carolina Covenant is offered to eligible undergraduates who have a family income at or below 200 percent of the federal poverty level and limited assets. No special application is necessary; eligible students will be notified after applying for financial aid. Details are on the Carolina Covenant site (<http://carolinacovenant.unc.edu>).

### Federal Aid Programs

Rules for federal student aid are set by Congress. Eligibility is set by a federal formula that examines the income and assets of the student and family, household size, the number of people in college, taxes paid, and other factors. Scholarships and awards from private sources are also factored into the eligibility formula.

The Federal Pell Grant Program provides assistance to undergraduate students with demonstrated financial need. A Pell Grant will automatically be included as part of an eligible student's financial aid package.

More detailed information is available at the Federal Student Aid site (<https://studentaid.ed.gov/sa>).

### University Scholarships and Grants

Undergraduate students are considered for UNC-funded scholarships and grants, which do not have to be repaid, based on a detailed analysis of family financial circumstances. This may include home equity, other income, and family assets that may not have been considered in the calculation of federal aid. Institutional scholarship and grant funds are often combined with federal aid to provide a total package of financial aid.

The University also offers scholarship funding to enroll certain students with exceptional financial need who are likely to contribute to the intellectual experience and diversity of the undergraduate student body, as well as funds to assist eligible students who are residents of North Carolina and members of an Indian tribe recognized by the state or the federal government. No separate application is required; students will be considered based on their aid application and UNC admissions application.

### Merit Scholarships

Each year, the University offers a limited number of merit scholarships to entering first-year students. These highly competitive programs recognize academic achievement, leadership, commitment to service, and potential for success at the University. Some of these awards consider a combination of financial need and academic merit.

Because Carolina is a highly selective university, competition for merit scholarships is strong. Very few merit scholarships are awarded each year.

There is no separate application for UNC merit scholarships. Selection is based on the information provided in a student's admission application. Merit scholarship finalists will be notified in early February (for early admissions applicants) and late March (for regular deadline applicants).

The Morehead-Cain (<http://moreheadcain.org>) and the Robertson Scholars (<http://robertsonscholars.org>) programs are administered by private foundations and *do* require separate applications. Visit their Web sites for details.

More information about the University's merit scholarships — including the Johnston, Pogue, Carolina, and Colonel Robinson programs — can be found at the Scholars Program site (<http://scholarsprogram.unc.edu>).

### Work-Study Employment

A limited number of work-study jobs are available to help students earn a portion of their University expenses. Most of these jobs are on campus, with a small number in community service agencies. Undergraduate work-study jobs require an average of 10 to 12 hours per week, with wages that depend on the job.

Graduate students may be assigned work-study assistantships, with teaching and research responsibilities in their departments or schools. Eligible students can apply for a variety of work-study jobs to match their skills and interests. There is no separate application for undergraduate students; simply apply for financial aid by March 1.

### Need-Based Loans

The University administers a number of student loan programs, both federal and institutional, which provide low-interest, long-term loans to undergraduate, graduate, and professional students who are eligible for aid. Most financial aid to undergraduate students includes loan offers, and the majority of aid to graduate and professional students is in the form of loans. Repayment of most loans begins six months after the student ceases to be enrolled at least half time.

After a student applies for aid, the Office of Scholarships and Student Aid determines which type of loan is most appropriate based on student need and available funds. More information on loan programs can be found at the Office of Scholarships and Student Aid site (<http://studentaid.unc.edu/types-of-aid/loans>).

Students always have the opportunity to reduce or decline loans when accepting a financial aid offer, so budget carefully (<http://studentaid.unc.edu/budgeting>) before borrowing. Contact [aidinfo@unc.edu](mailto:aidinfo@unc.edu) with any questions.

### Non-Need-Based Loans

Students not eligible for need-based aid, or who require funds beyond available need-based aid, may apply for unsubsidized federal loans. Unlike need-based loans, these programs have higher interest rates, and interest is generally *not* deferred. Visit the Office of Scholarships and Student Aid loan site (<https://studentaid.unc.edu/types-of-aid/loans/budgeting>) for information about applying.

Federal Direct Unsubsidized Loans are available upon request, subject to borrowing limits. Overall loan limits and information about interest rates can be found through the Federal student aid website (<https://studentaid.ed.gov/sa/types/loans/subsidized-unsubsidized/#how-much>).

Parents of undergraduate students who do not receive need-based aid, or who need additional assistance, may apply for Federal Direct Parent PLUS Loans. More information about Parent PLUS Loans is available on the Federal Student Aid Web site (<https://studentloans.gov/myDirectLoan/index.action>).

### Laptop Grants

All Carolina students are required to have a laptop computer. The University offers grants — in the form of a credit at Student Stores, which sells a variety of laptops — to cover the cost for qualifying first-year students who apply for financial aid.

You are welcome to combine the grant with your own money to purchase a more expensive laptop. But if you leave Carolina without completing a degree, the University keeps the computer.

### Questions and Assistance

Financial aid counselors are eager to help. Visit the Office of Scholarships and Student Aid or email [aidinfo@unc.edu](mailto:aidinfo@unc.edu) to get in touch.

### For Graduate Students

The Graduate School offers a variety of funding opportunities to assist graduate students. The Graduate School provides information and support to students applying for external fellowships, as well as providing fellowships and other direct financial support to graduate students, which supplements what the individual school or department provides. For updated information, please see The Graduate School's funding resources Web site (<http://gradschool.unc.edu/funding>).

*Graduate Tuition Incentive Scholarship* (<http://gradschool.unc.edu/funding/gradschool/gtis.html>): Helps cover the remaining cost of in-state tuition for graduate students who are receiving external funding awards in support of their thesis or dissertation research

*Graduate Student Opportunity Fund* (<http://gradschool.unc.edu/funding/gradschool/opportunityfund.html>): Assists students with small, nonrecurring, unusual and unexpected academic expenses

*Graduate Student Transportation Grant* (<http://gradschool.unc.edu/funding/gradschool/transportationgrant.html>): Assists students with some of the transportation costs necessary for travel to a regional, national, or international academic conference or professional society meeting to present their dissertation research

The Graduate Funding Information Center (<http://gradfunding.web.unc.edu>) is a resource for graduate students seeking information on funding sources for independent research, collaborative projects, fellowships, program development, and other scholarly activities.

You are welcome to contact the Fellowships Office at [gradfunding@unc.edu](mailto:gradfunding@unc.edu).

To receive alerts when funding opportunities are posted, subscribe to The Graduate School funding listserv (<http://gradfunding.web.unc.edu>).

### Departmental Awards

#### Teaching and Research Assistantships

The majority of assistantships available to graduate students are awarded by academic schools and departments. Approximately 2,500 graduate, research, and teaching assistantships are available through specific departments. Graduate assistantships are also available through the University's various research institutes and centers. Stipends, responsibilities, selection criteria, and application and notification procedures vary from department to department. Applicants should discuss with the program to which they are applying the specific funding opportunities available to graduate students.

#### Federal/State Fellowships and Traineeships

A number of state and federally funded fellowships and traineeships are also available in some departments. Students must be pursuing graduate training in specified fields of study to be eligible for these awards. Interested students should request additional information from their academic departments.

## Application Deadline

Prospective graduate students may indicate when applying for admission their interest in an assistantship and should discuss application deadlines with their prospective departments.

If you have questions about departmental awards, please contact the department to which you are applying (<https://gradschool.unc.edu/academics/degreeprograms>).

## Financial Aid Regulations

To be eligible for financial aid programs administered by the Office of Scholarships and Student Aid (<http://studentaid.unc.edu>), a student must be enrolled in a degree program on at least a half-time basis, a United States citizen or permanent resident, making satisfactory progress toward completion of the academic program, and, if applicable, registered for Selective Service. The student may not be in default on a loan previously received for college expenses nor owe a refund on a scholarship, grant, or loan from a previous enrollment period.

Graduate students who wish to apply for financial aid to meet the costs of attending the University must complete the Free Application for Federal Student Aid (FAFSA). The application should be completed online (<http://www.fafsa.ed.gov>). However, a paper application may be obtained from high schools, most college financial aid offices, or in person at the Office of Scholarships and Student Aid. In completing the FAFSA, the student must list UNC–Chapel Hill (code number 002974) as one of the schools to receive the FAFSA information. The information on the FAFSA will be analyzed by an agency contracted by the federal government. The agency will send information and an analysis of the student's eligibility for financial aid funds to both the student and to the Office of Scholarships and Student Aid.

A student should not wait for admission to a graduate program before applying for aid. An applicant should submit the FAFSA by March 1. If additional documentation is needed to complete a student's application for financial assistance, the Office of Scholarships and Student Aid will notify the student. A student who completes the file promptly can expect to receive notice of an award decision early in June.

# ARCHIVES

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## Undergraduate

2017–2018 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2017-18-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2017-2018/undergraduate>)

2016–2017 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2016-17-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2016-2017/undergraduate>)

2015–2016 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2015-16-ugrad.pdf>)

2014–2015 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2014-15-ugrad.pdf>)

2013–2014 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2013-14-ugrad.pdf>)

2012–2013 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2012-13-ugrad.pdf>)

2011–2012 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2011-12-ugrad.pdf>)

2010–2011 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2010-11-ugrad.pdf>)

2009–2010 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2009-10-ugrad.pdf>)

2008–2009 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2008-09-ugrad.pdf>)

2007–2008 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2007-08-ugrad.pdf>)

2006–2007 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2006-07-ugrad.pdf>)

2005–2006 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2005-06-ugrad.pdf>)

2004–2005 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2004-05-ugrad.pdf>)

2003–2004 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2003-04-ugrad.pdf>)

2002–2003 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2002-03-ugrad.pdf>)

2001–2002 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2001-02-ugrad.pdf>)

2000–2001 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2000-01-ugrad.pdf>)

1999–2000 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/1999-00-ugrad.pdf>)

1998–1999 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/1998-99-ugrad.pdf>)

1997–1998 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/1997-98-ugrad.pdf>)

## Graduate

2017–2018 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2017-18-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2017-2018/graduate>)

2016–2017 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2016-17-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2016-2017/graduate>)

2015–2016 Graduate Record: PDF (<http://catalog.unc.edu/archives/2015-16-grad.pdf>)

2014–2015 Graduate Record: PDF (<http://catalog.unc.edu/archives/2014-15-grad.pdf>)

2013–2014 Graduate Record: PDF (<http://catalog.unc.edu/archives/2013-14-grad.pdf>)

2012–2013 Graduate Record: PDF (<http://catalog.unc.edu/archives/2012-13-grad.pdf>)

2011–2012 Graduate Record: PDF (<http://catalog.unc.edu/archives/2011-12-grad.pdf>)

2010–2011 Graduate Record: PDF (<http://catalog.unc.edu/archives/2010-11-grad.pdf>)

2008–2010 Graduate Record: PDF (<http://catalog.unc.edu/archives/2008-10-grad.pdf>)

2006–2008 Graduate Record: PDF (<http://catalog.unc.edu/archives/2006-08-grad.pdf>)

2004–2006 Graduate Record: PDF (<http://catalog.unc.edu/archives/2004-06-grad.pdf>)

2002–2004 Graduate Record: PDF (<http://catalog.unc.edu/archives/2002-04-grad.pdf>)

2001–2002 Graduate Record: PDF (<http://catalog.unc.edu/archives/2001-02-grad.pdf>)

2000–2001 Graduate Record: PDF (<http://catalog.unc.edu/archives/2000-01-grad.pdf>)

1999–2000 Graduate Record: PDF (<http://catalog.unc.edu/archives/1999-00-grad.pdf>)

1998–1999 Graduate Record: PDF (<http://catalog.unc.edu/archives/1998-99-grad.pdf>)

1997–1998 Graduate Record: PDF (<http://catalog.unc.edu/archives/1997-98-grad.pdf>)

# INDEX

<b>A</b>	
About UNC .....	6
Academic Calendar .....	5
Academic Enrichment Programs .....	109
Academic Standing .....	1053
Administrative Officers .....	8
Admissions .....	16
Aerospace Studies Minor .....	119
African, African American, and Diaspora Studies Major, B.A. ....	128
African American and Diaspora Studies Minor .....	131
African Studies Minor .....	130
American Indian and Indigenous Studies Minor .....	159
American Studies Major, B.A. ....	143
American Studies Major, B.A.–American Indian and Indigenous Studies Concentration .....	149
American Studies Major, B.A.–Folklore Concentration .....	151
American Studies Major, B.A.–Global American Studies Concentration .....	154
American Studies Major, B.A.–Southern Studies Concentration .....	156
American Studies Minor .....	159
Anthropology Major, B.A. ....	181
Arabic Minor .....	264
Archaeology Major, B.A. ....	189
Archaeology Minor .....	193
Archives .....	1074
Art History Major, B.A. ....	212
Art History Minor .....	225
Asian Studies Major, B.A.–Arab Cultures Concentration .....	254
Asian Studies Major, B.A.–Chinese Concentration .....	256
Asian Studies Major, B.A.–Interdisciplinary Concentration .....	248
Asian Studies Major, B.A.–Japanese Concentration .....	259
Asian Studies Major, B.A.–South Asian Studies Concentration .....	261
Asian Studies Minor .....	263
Astronomy Minor .....	753
Attendance, Grading, and Examination .....	1048
<b>B</b>	
Biology Major, B.A. ....	298
Biology Major, B.S. ....	290
Biology Major, B.S.–Quantitative Biology Track .....	294
Biology Minor .....	301
Biomedical and Health Sciences Engineering Major, B.S. ....	307
Biostatistics Major, B.S.P.H. ....	314
Board of Governors .....	11
Board of Trustees .....	10
Business Administration Major, B.S.B.A. ....	947
Business Administration Minor .....	950
Business Journalism Major, B.A. ....	992
<b>C</b>	
Certificate in Dental Hygiene .....	955
Certificate Programs in Media and Journalism .....	995
Chemistry Major, B.A. ....	324
Chemistry Major, B.S. ....	327
Chemistry Major, B.S.–Biochemistry Track .....	330
Chemistry Major, B.S.–Polymer Track .....	333
Chemistry Minor .....	337
Chinese Minor .....	265
Classical Humanities Minor .....	356
Classics Major, B.A.–Classical Archaeology .....	352
Classics Major, B.A.–Classical Civilization .....	353
Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin .....	354
Clinical Laboratory Science Major, B.S. ....	999
Coaching Education Minor .....	515
Cognitive Science Minor .....	790
College of Arts and Sciences and the General College .....	927
Communication Studies Major, B.A. ....	370
Comparative Literature Minor .....	447
Composition, Rhetoric, and Digital Literacy Minor .....	448
Computer Science Major, B.A. ....	383
Computer Science Major, B.S. ....	386
Computer Science Minor .....	389
Conflict Management Minor .....	717
Contemporary European Studies Major, B.A. ....	495
Course Numbering .....	105
Creative Writing Minor .....	449
Credit and Evaluation .....	1039
Curriculum in Archaeology .....	188
Curriculum in Contemporary European Studies .....	494
Curriculum in Global Studies .....	582
Curriculum in Latin American Studies .....	634
Curriculum in Peace, War, and Defense .....	705
<b>D</b>	
Dental Hygiene Major, B.S. ....	953
Department of Aerospace Studies .....	118
Department of African, African American, and Diaspora Studies .....	121
Department of American Studies .....	132



Department of Anthropology .....	165	Department of Women's and Gender Studies .....	908
Department of Applied Physical Sciences .....	186	Departments .....	116
Department of Art .....	195	Division of Clinical Laboratory Science .....	997
Department of Asian Studies .....	227	Division of Radiologic Science .....	1002
Department of Biochemistry and Biophysics .....	274	Division of Speech and Hearing Sciences .....	1006
Department of Biology .....	276	Dramatic Art Major, B.A. ....	396
Department of Biomedical Engineering .....	303	Dramatic Art Minor .....	398
Department of Biostatistics .....	312	<b>E</b>	
Department of Cell Biology and Physiology .....	317	Economics Major, B.A. ....	409
Department of Chemistry .....	318	Education Minor .....	969
Department of City and Regional Planning .....	338	English and Comparative Literature Major, B.A. ....	440
Department of Classics .....	343	English Minor .....	451
Department of Communication .....	359	Entrepreneurship Minor .....	411
Department of Computer Science .....	377	Environment, Ecology, and Energy Program .....	457
Department of Dramatic Art .....	390	Environmental Health Sciences Major, B.S.P.H. ....	490
Department of Economics .....	401	Environmental Science and Studies Minor .....	480
Department of English and Comparative Literature .....	413	Environmental Science, B.S. ....	473
Department of Environmental Sciences and Engineering .....	484	Environmental Studies Major, B.A. ....	466
Department of Exercise and Sport Science .....	499	Exercise and Sport Science Major, B.A.–Fitness Professional .....	511
Department of Geography .....	517	Exercise and Sport Science Major, B.A.–General .....	510
Department of Geological Sciences .....	530	Exercise and Sport Science Major, B.A.–Sport Administration .....	513
Department of Germanic and Slavic Languages and Literatures .....	545	Exercise and Sport Science Minor .....	515
Department of Health Policy and Management .....	592	<b>F</b>	
Department of History .....	599	First-Year Seminars .....	109
Department of Linguistics .....	639	Folklore Minor .....	161
Department of Marine Sciences .....	648	Food Studies Minor .....	481
Department of Mathematics .....	655	French Minor .....	878
Department of Microbiology and Immunology .....	669	<b>G</b>	
Department of Military Science .....	671	General Anthropology Minor .....	183
Department of Music .....	674	General Education Curriculum and Degree Requirements .....	27
Department of Naval Science .....	695	Geography Major, B.A. ....	524
Department of Nutrition .....	700	Geography Minor .....	529
Department of Pathology and Laboratory Medicine .....	704	Geological Sciences Major, B.A.–Earth Science Concentration .....	537
Department of Philosophy .....	719	Geological Sciences Major, B.S.–Earth Science Concentration .....	539
Department of Physics and Astronomy .....	734	Geological Sciences Major, B.S.–Environmental Geoscience Concentration .....	541
Department of Political Science .....	755	Geological Sciences Minor .....	544
Department of Psychology and Neuroscience .....	770	German Minor .....	575
Department of Public Policy .....	794	Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration .....	563
Department of Religious Studies .....	807	Germanic and Slavic Languages and Literatures Major, B.A.–German Literature and Culture Concentration .....	566
Department of Romance Studies .....	844	Germanic and Slavic Languages and Literatures Major, B.A.–German Media, Arts, and Culture Concentration .....	568
Department of Sociology .....	882		
Department of Statistics and Operations Research .....	900		

Germanic and Slavic Languages and Literatures Major, B.A.–Russian Language and Culture Concentration .....	571	Marine Sciences Minor .....	653
Germanic and Slavic Languages and Literatures Major, B.A.–Slavic and East European Languages and Cultures Concentration .....	573	Mathematics Major, B.A. ....	662
Gillings School of Global Public Health .....	932	Mathematics Major, B.S. ....	665
Global American Studies Minor .....	162	Mathematics Minor .....	667
Global Cinema Minor .....	452	Media and Journalism Major, B.A. ....	989
Global Studies Major, B.A. ....	585	Media and Journalism Minor .....	994
Greek Minor .....	357	Medical Anthropology Minor .....	185
<b>H</b>		Medicine, Literature, and Culture Minor .....	454
Health and Society Minor .....	896	Medieval and Early Modern Studies (MEMS) Minor .....	627
Health Policy and Management Major, B.S.P.H. ....	596	Middle Eastern Languages Minor .....	271
Heritage and Global Engagement Minor .....	183	Military Science and Leadership Minor .....	672
Hindi-Urdu Minor .....	268	Modern Hebrew Minor .....	267
Hispanic Studies Minor .....	880	Music Major, B.A. ....	684
History Major, B.A. ....	620	Music Major, Bachelor of Music (B.Mus.) .....	688
History Minor .....	627	Music Minor .....	693
Honor Code .....	1055	<b>N</b>	
Honors Beyond Chapel Hill .....	113	Naval Science Minor .....	696
Honors Carolina .....	112	Neuroscience Major, B.S. ....	779
Human Development and Family Studies, B.A.Ed. ....	967	Neuroscience Minor .....	792
<b>I</b>		North Carolina Fellows Program .....	115
Information Science Major, B.S. ....	976	Nursing Major, B.S.N. ....	1014
Information Systems Minor .....	978	Nutrition Major, B.S.P.H. ....	702
Interdisciplinary Studies .....	631	<b>O</b>	
Interdisciplinary Studies Major, B.A. ....	632	Office for Undergraduate Research .....	110
Interdisciplinary Studies Major, B.A.–Cultural Studies .....	374	Office of Distinguished Scholarships .....	113
Internships .....	110	<b>P</b>	
Islamic and Middle Eastern Studies Minor .....	834	Peace, War, and Defense Major, B.A. ....	713
Italian Minor .....	879	Persian Minor .....	272
<b>J</b>		Philosophy Major, B.A. ....	729
Japanese Minor .....	269	Philosophy Minor .....	731
Jewish Studies Minor .....	836	Philosophy, Politics, and Economics (PPE) Minor .....	732
<b>K</b>		Physics Major, B.A. ....	742
Kenan–Flagler Business School .....	936	Physics Major, B.S. ....	748
Korean Minor .....	270	Physics Minor .....	753
<b>L</b>		Policies and Procedures .....	1038
Languages Across the Curriculum .....	114	Political Science Major, B.A. ....	766
Latin American Studies Major, B.A. ....	635	Portuguese Minor .....	879
Latin Minor .....	358	Programs of Study: Majors and Minors .....	106
Latina/o Studies Minor .....	453	Psychology Major, B.A. ....	783
Linguistics Major, B.A. ....	645	Psychology Major, B.S. ....	786
Linguistics Minor .....	646	Public Policy Major, B.A. ....	800
<b>M</b>		Public Policy Minor .....	806
Management and Society Major, B.A. ....	893	<b>R</b>	
		Radiologic Science Major, B.S. ....	1004

Registration, Enrollment, and Withdrawal .....	1042	<b>T</b>	
Religious Studies Major, B.A. ....	828	The UNC System .....	14
Religious Studies Major, B.A.–Jewish Studies Concentration .....	832	The William and Ida Friday Center for Continuing Education .....	1020
Religious Studies Minor .....	837	Transcripts .....	1069
Resources .....	1022	Tuition and Financial Aid .....	1070
Resources: Academic and Research .....	1023	<b>U</b>	
Resources: Campus Life .....	1027	UNC Eshelman School of Pharmacy .....	928
Resources: Career Planning .....	1034	UNC-Chapel Hill: An Introduction .....	12
Resources: Health and Wellness .....	1035	Undergraduate .....	26
Resources: Service and Leadership .....	1037	Undergraduate Admissions .....	17
Romance Languages Major, B.A.–French and Francophone Studies ....	863	University Policies .....	1057
Romance Languages Major, B.A.–Hispanic Linguistics .....	875	Urban Studies and Planning Minor .....	341
Romance Languages Major, B.A.–Hispanic Literatures and Cultures ...	871	<b>W</b>	
Romance Languages Major, B.A.–Italian .....	866	Women’s and Gender Studies Major, B.A. ....	918
Romance Languages Major, B.A.–Portuguese .....	869	Women’s and Gender Studies Minor .....	921
Russian Culture Minor .....	577	Writing for the Screen and Stage Minor .....	375
<b>S</b>		Writing for the Screen and Stage Minor .....	375
School of Dentistry .....	952		
School of Education .....	958		
School of Information and Library Science .....	971		
School of Media and Journalism .....	980		
School of Medicine .....	997		
School of Nursing .....	1009		
Schools/College .....	926		
Sexuality Studies Minor .....	923		
Slavic and East European Languages and Cultures Minor .....	579		
Social and Economic Justice Minor .....	896		
Sociology Major, B.A. ....	890		
Southern Studies Minor .....	164		
Spanish Minor for the Professions .....	881		
Speech and Hearing Sciences Minor .....	1007		
Statistics and Analytics Major, B.S. ....	904		
Statistics and Analytics Minor .....	906		
Student Life and Leadership .....	114		
Studio Art Major, B.A. ....	215		
Studio Art Major, Bachelor of Fine Arts (B.F.A) .....	218		
Studio Art Major, Bachelor of Fine Arts (B.F.A)–Art History Emphasis ..	222		
Studio Art Minor .....	225		
Study Abroad .....	109		
Study of Christianity and Culture Minor .....	841		
Summer Bridge .....	115		
Summer School .....	1019		
Sustainability Studies Minor .....	482		